GRÉGOIRE TRÉGOUBOFF

Mattre de Recherches au Centre National de la Recherche Scientifique MAURICE ROSE

Professeur honoraire
à la Faculté des Sciences d'Alger

MANUEL



DE

PLANCTONOLOGIE MÉDITERRANÉENNE

Tome II

Illustrations

MANUEL DE PLANCTONOLOGIE MÉDITERRANÉENNE

ERRATA

corrigés.

VOLUME II PLANCHES

Planche 2. Mettre 6 sous la fig. qui est au-dessus de fig. 8 B, A.

Planche 28. Mettre 6 au-dessous de la dernière fig. A, B, à droite, en haut.

Planche 30. Mettre 7 au-dessous de la fig. qui est au-dessus de la fig. 9.

Planche 33. Mettre 3 au-dessous de la fig. A, B, C, D, E, F, à droite, en haut;

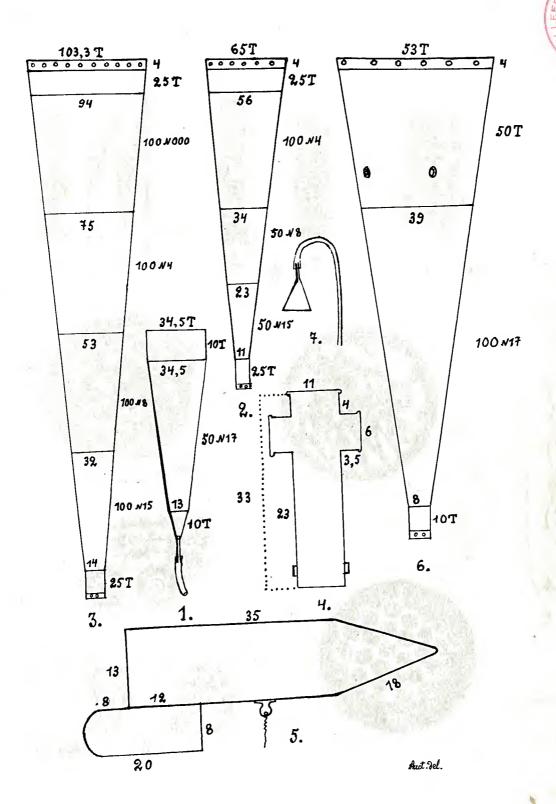
Mettre 5 au-dessous de la fig. A, B, C, D, à droite, en bas;

Rectifier 28 au-dessous de la 1^{re} fig. à droite, dernière rangée en bas.

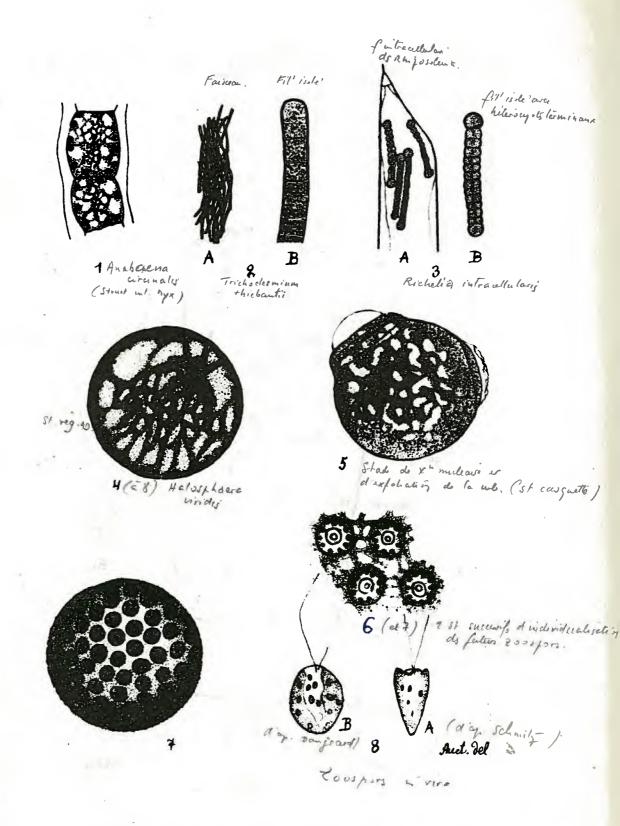
Planche 62. Mettre 4 au lieu de 1 au-dessous de la 1re fig., qui se trouve à gauche de la 1re rangée en haut.

Planche 102, ajouter à la légende : Nauplius de Copépodes (Cyclops).

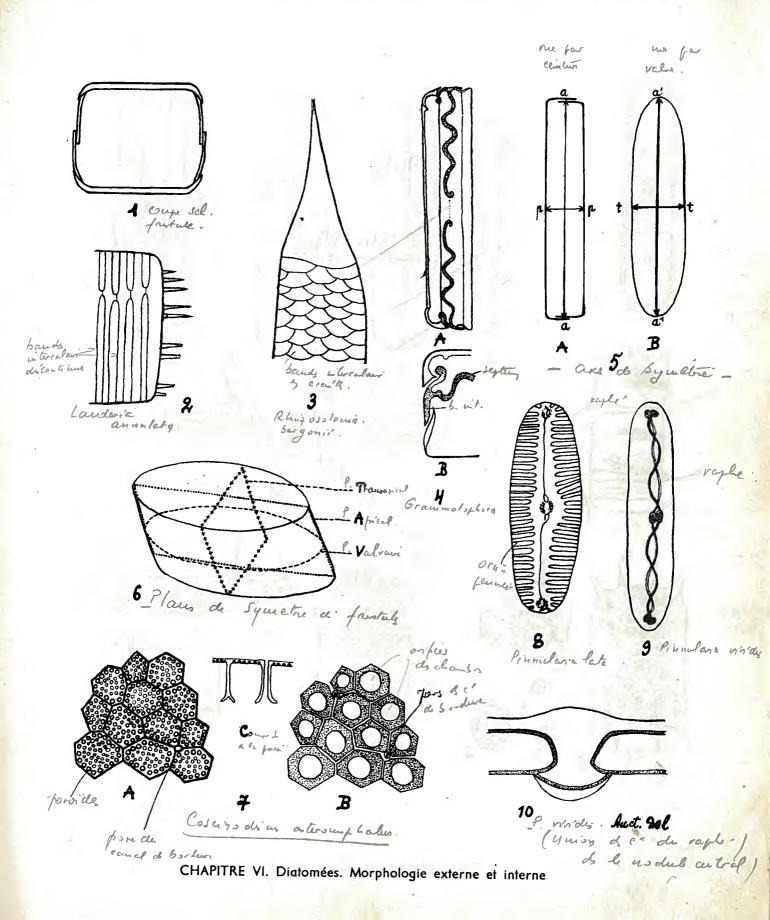
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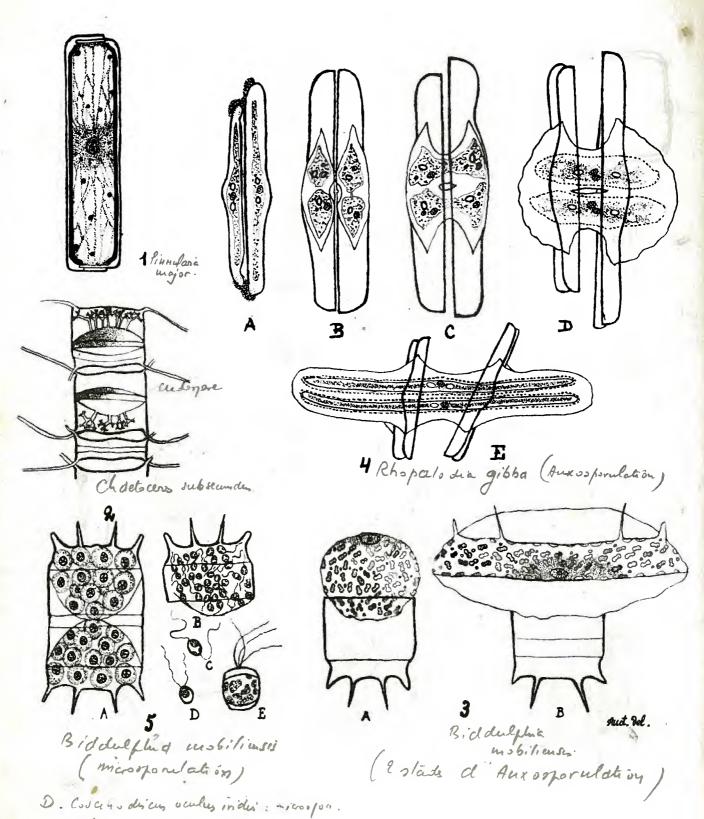


CHAPITRE I. Engins de pêches.



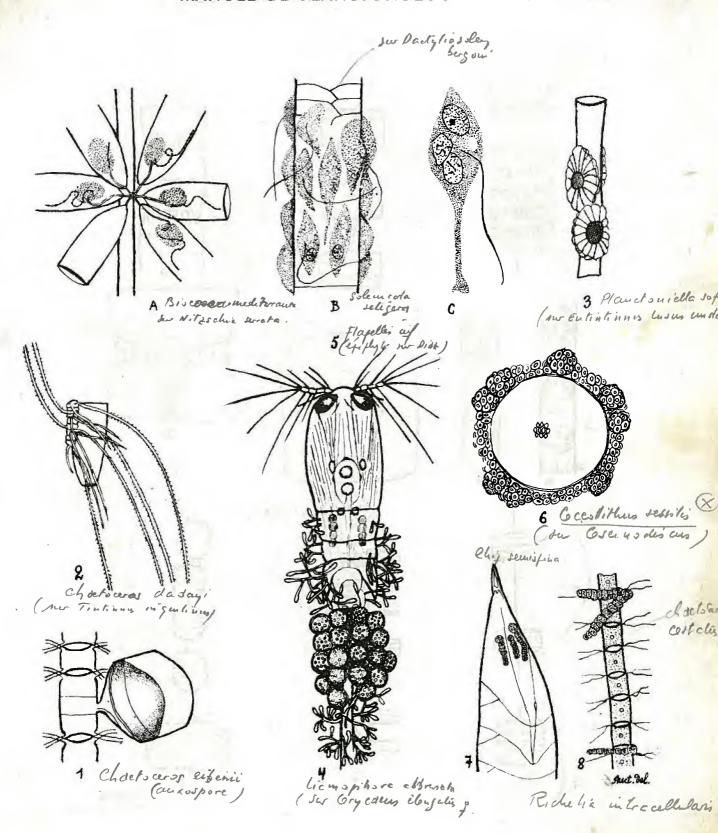
CHAPITRES IV ET V. Myxophycés et Xanthophycés.

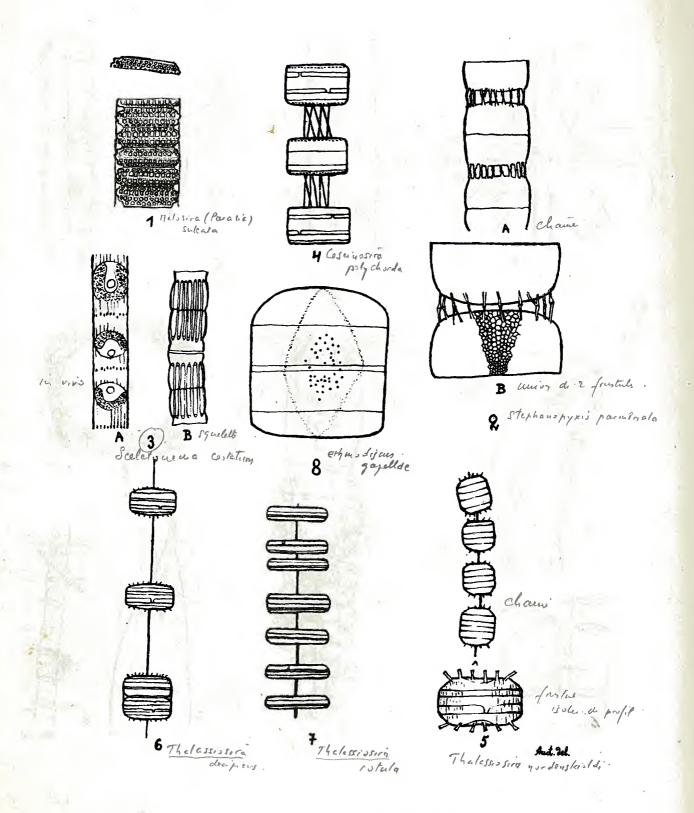




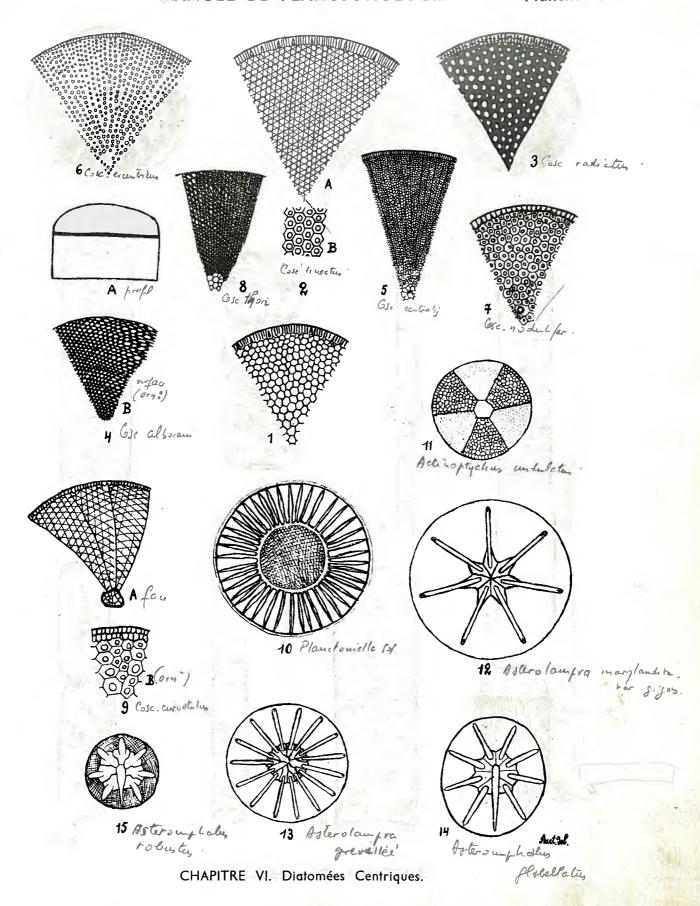
E. Melstrei ranians. CHAPITRE VI. Diatomées. Multiplication.

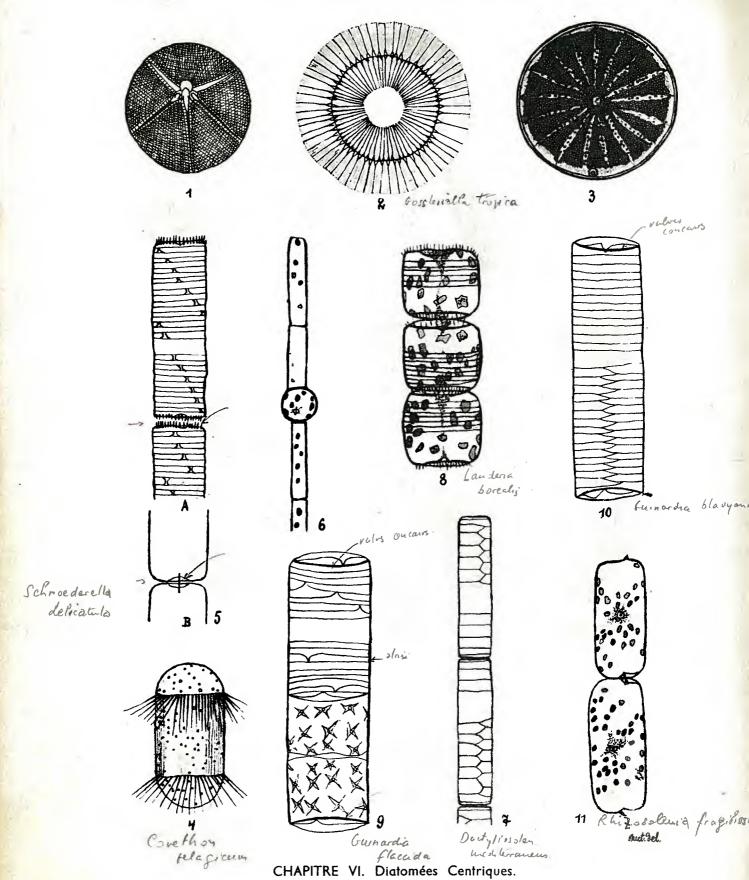
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mortant l'éland de 4th valus)

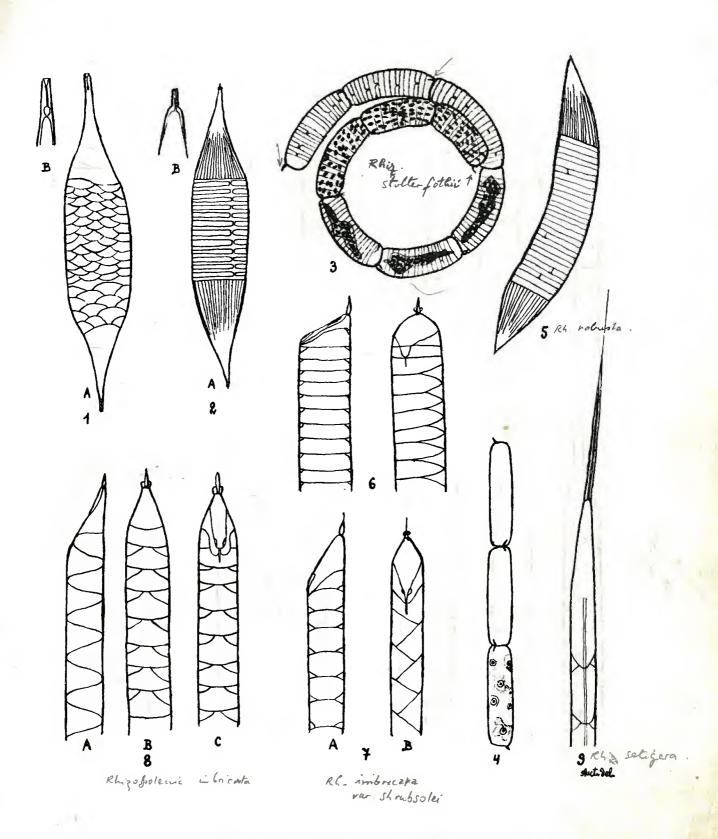




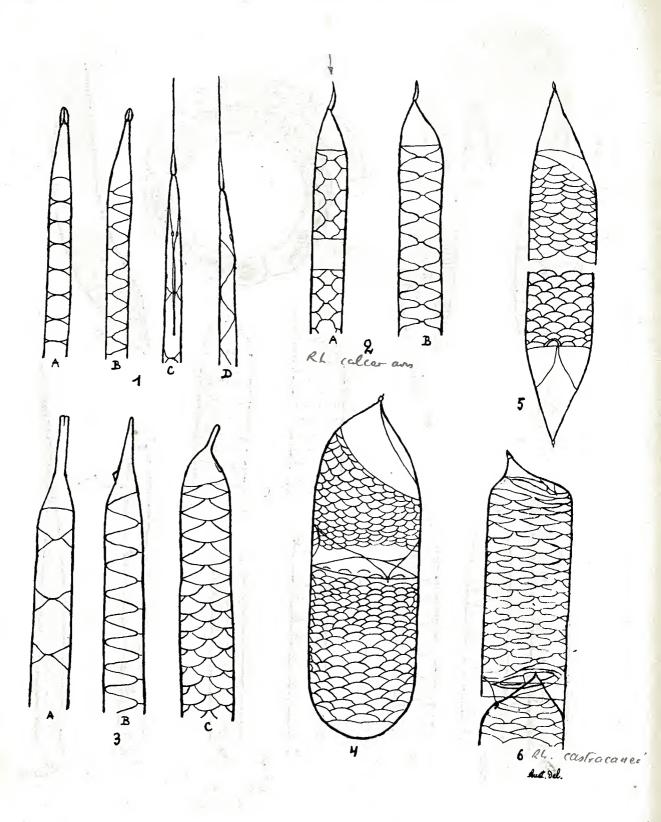
CHAPITRE VI. Diatomées Centriques.







- CHAPITRE VI. Diatomées Centriques.



CHAPITRE VI. Diatomées Centriques.

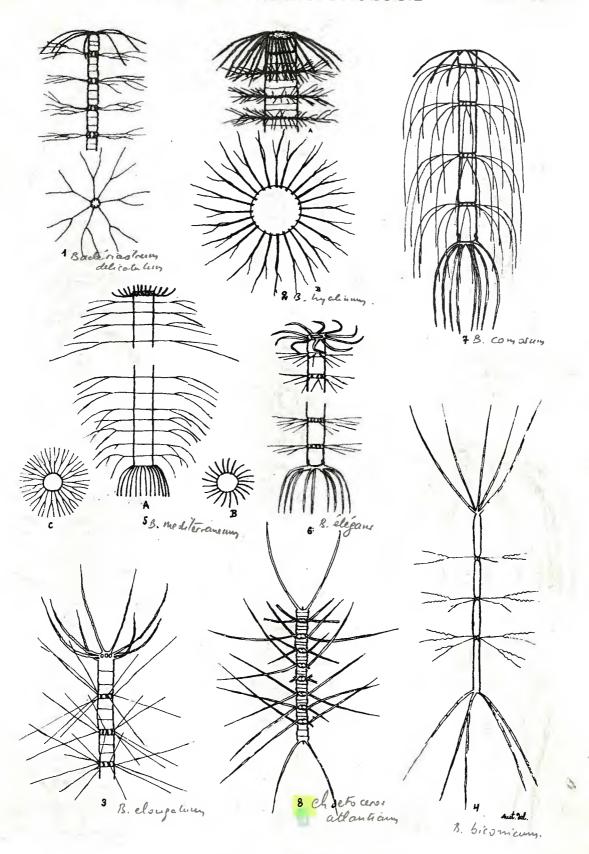
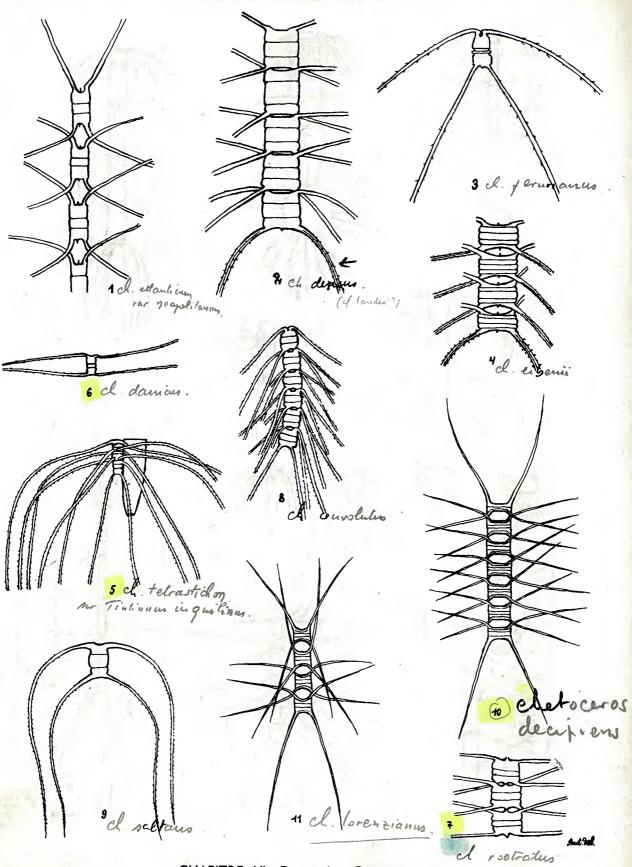
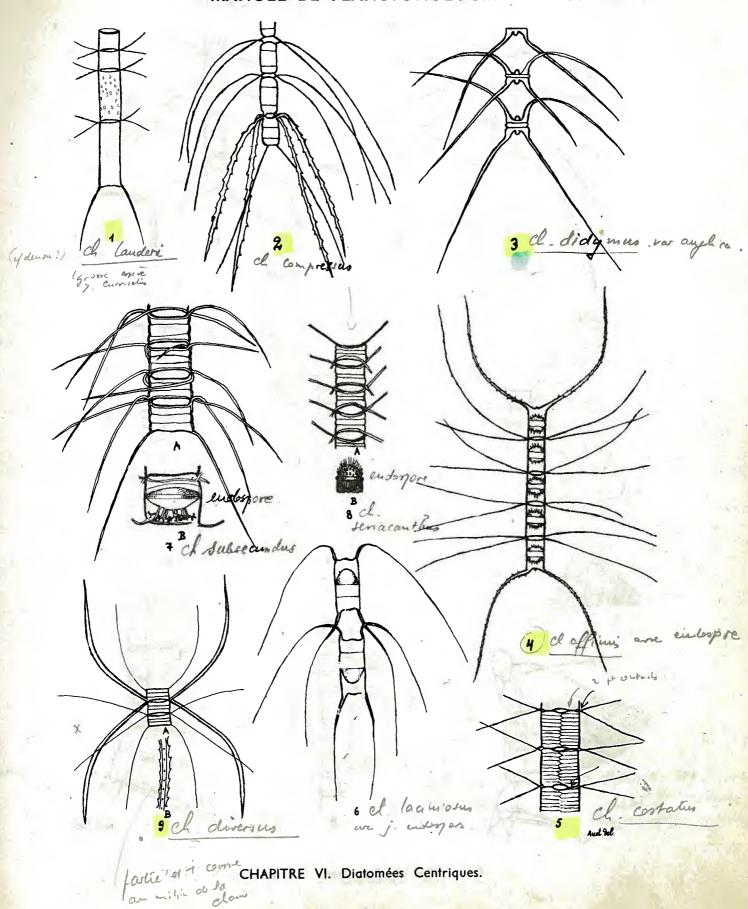


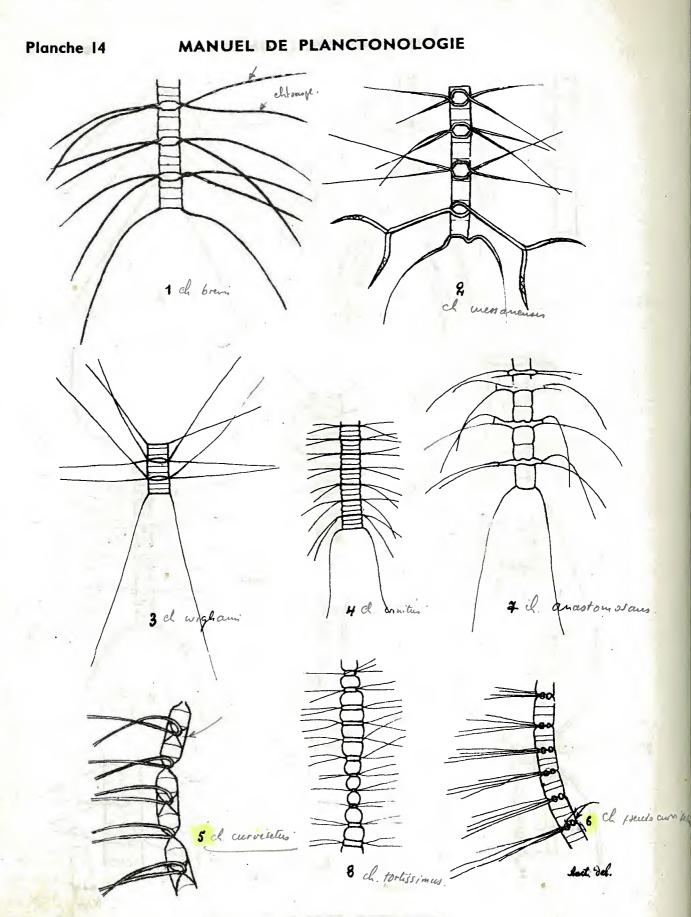
Planche 12

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CHAPITRE VI. Diatomées Centriques.

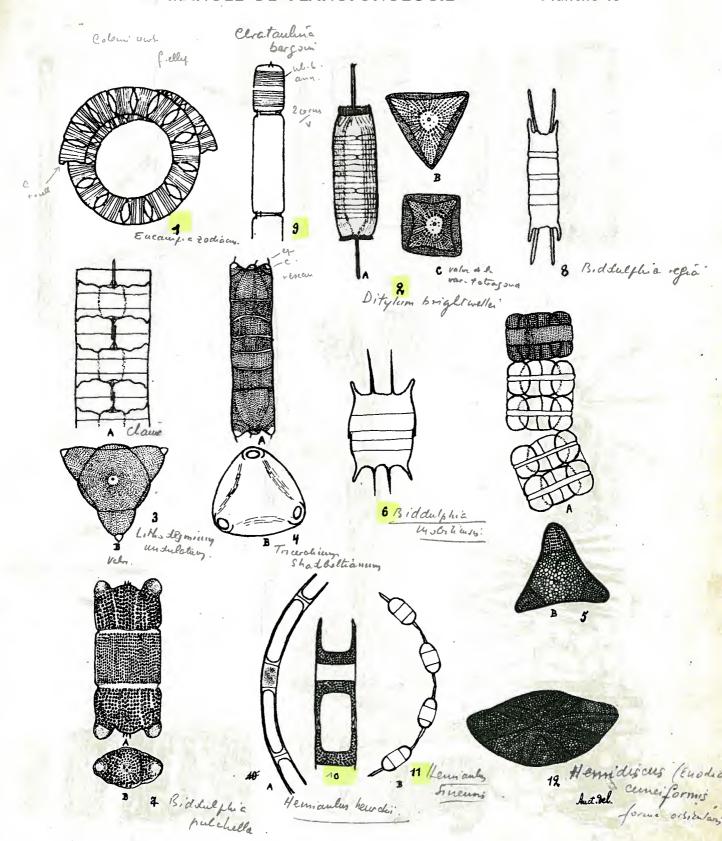




CHAPITRE VI. Diatomées Centriques.

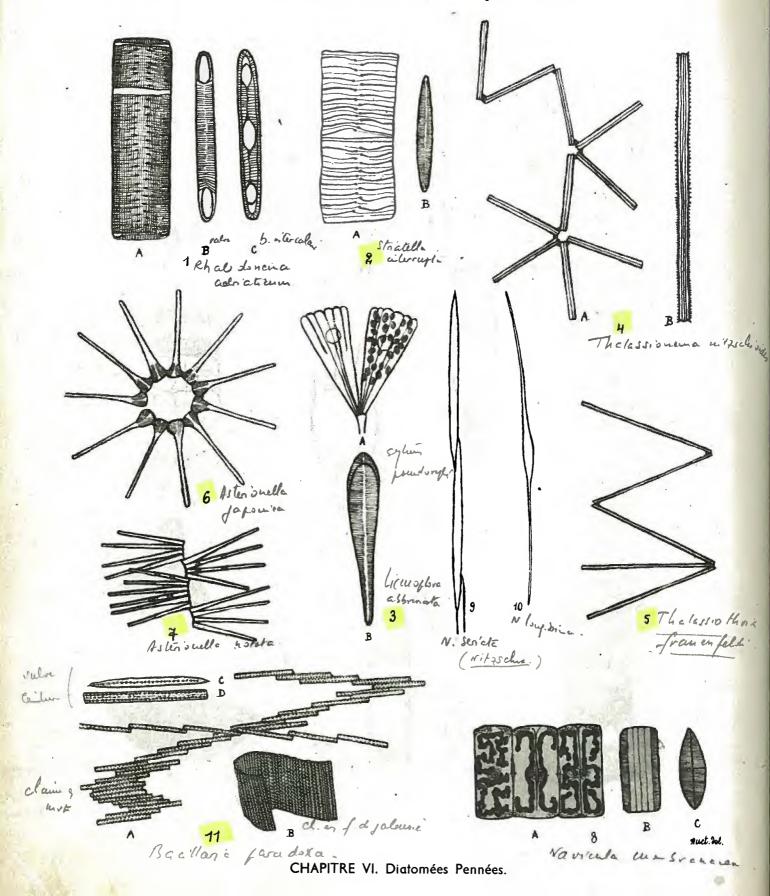
MANUEL DE PLANCTONOLOGIE

Planche 15



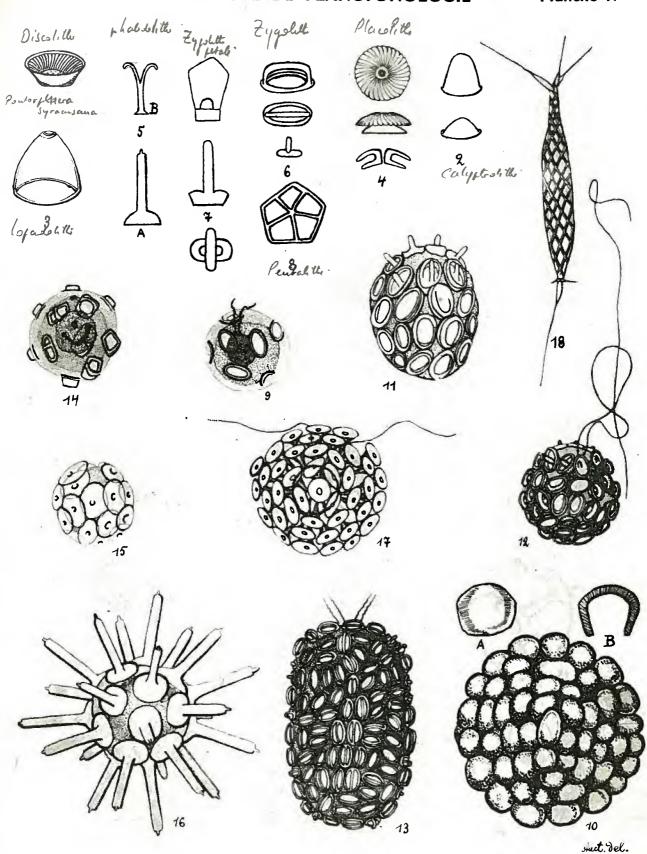
CHAPITRE VI. Diatomées Centriques.

Planche 16 MANUEL DE PLANCTONOLOGIE

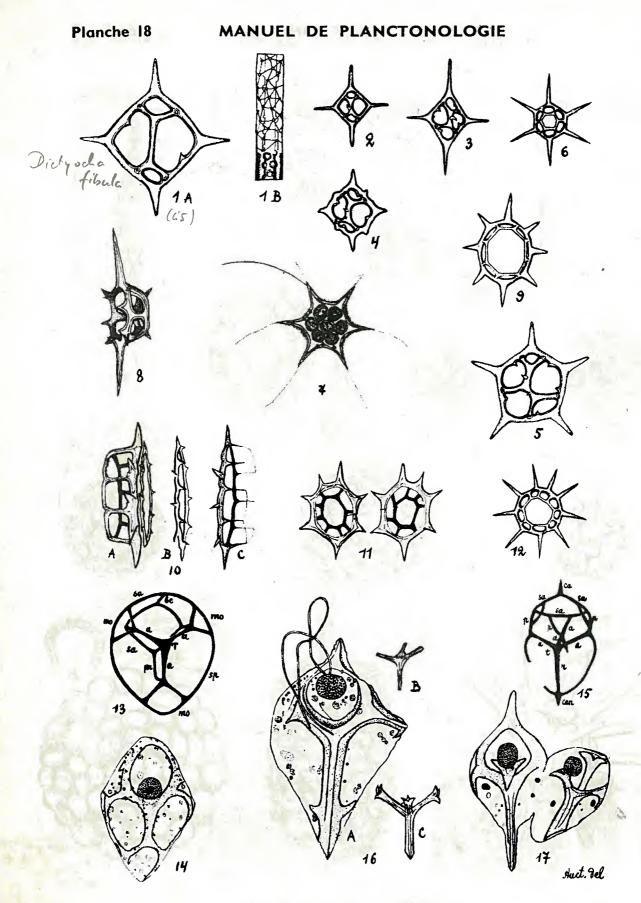


MANUEL DE PLANCTONOLOGIE

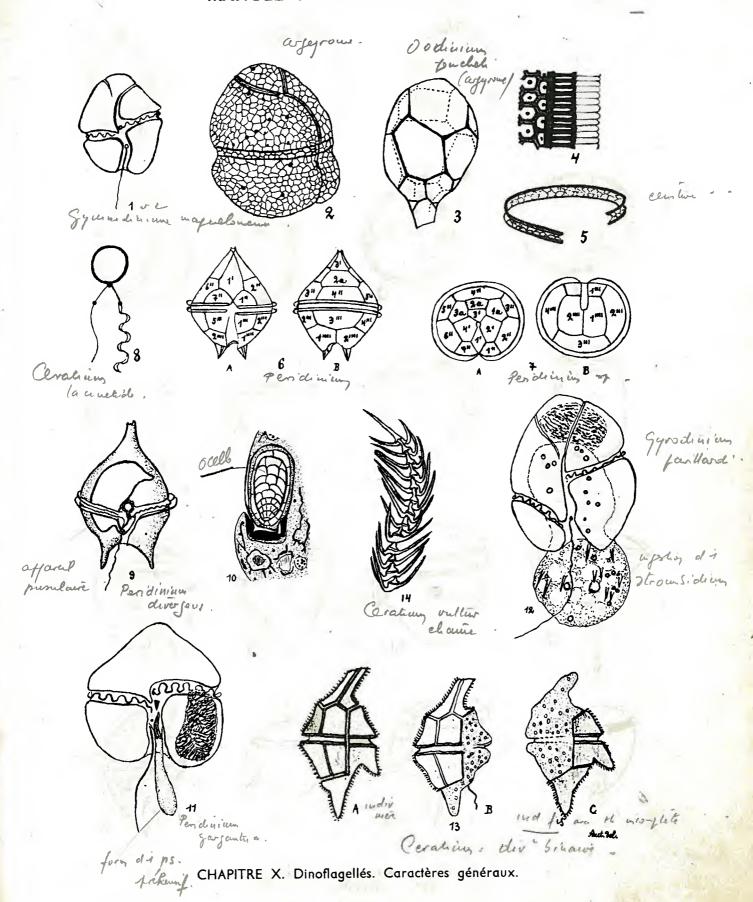
Planche 17

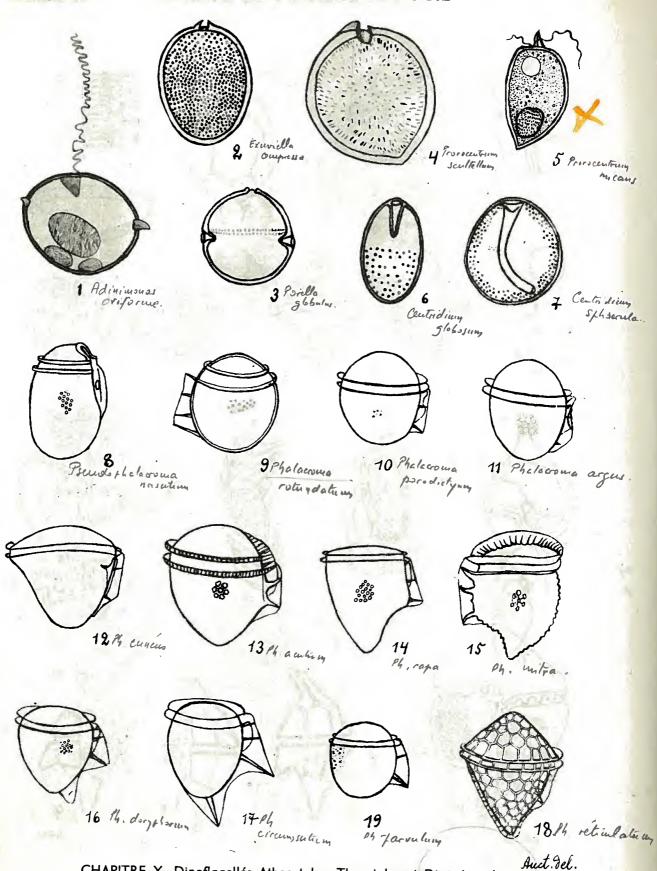


CHAPITRE VII. Coccolithophorides.

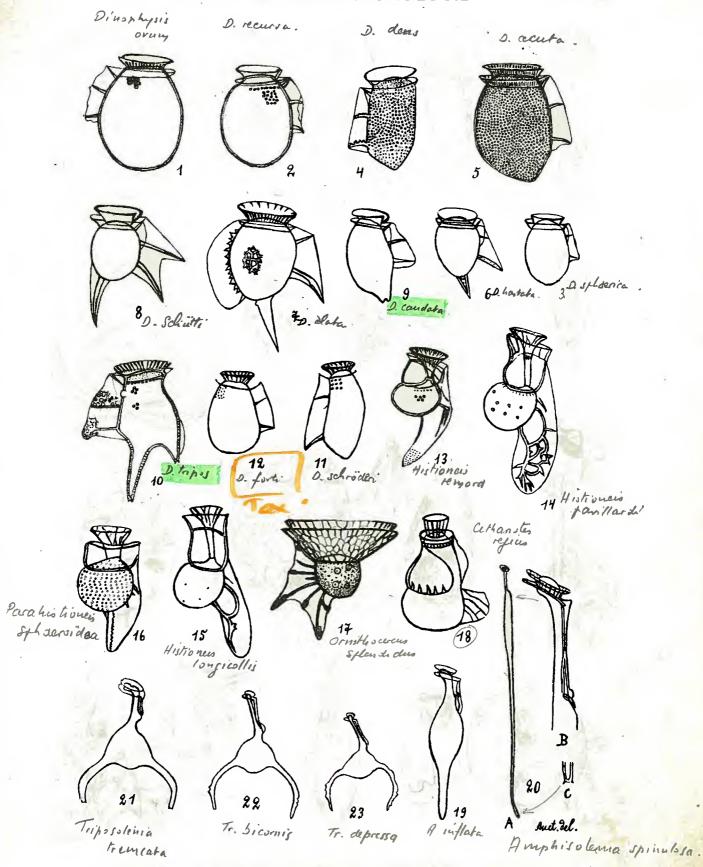


CHAPITRES VIII ET IX. Silicoflagellés et Ebriacés.

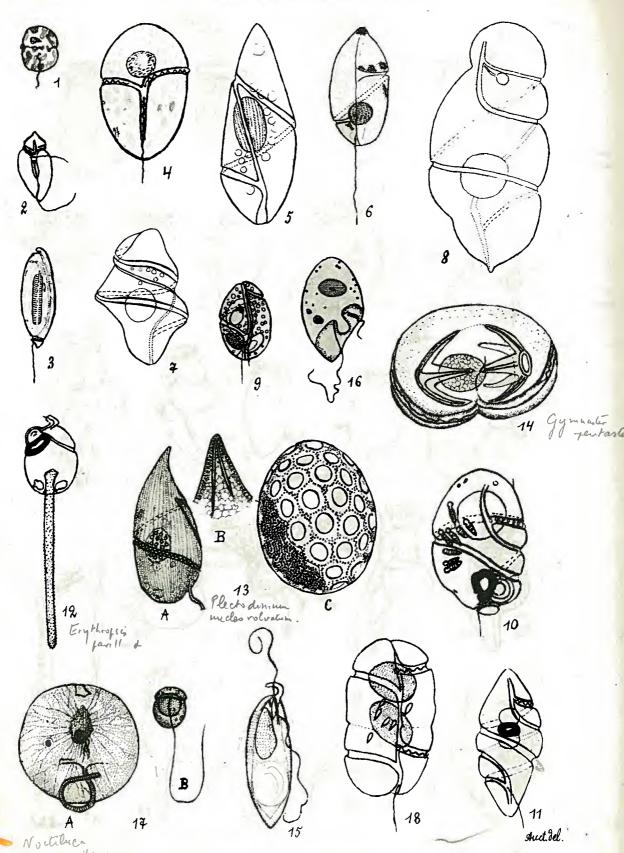




CHAPITRE X. Dinoflagellés Athecatales, Thecatales et Dinophysiales.

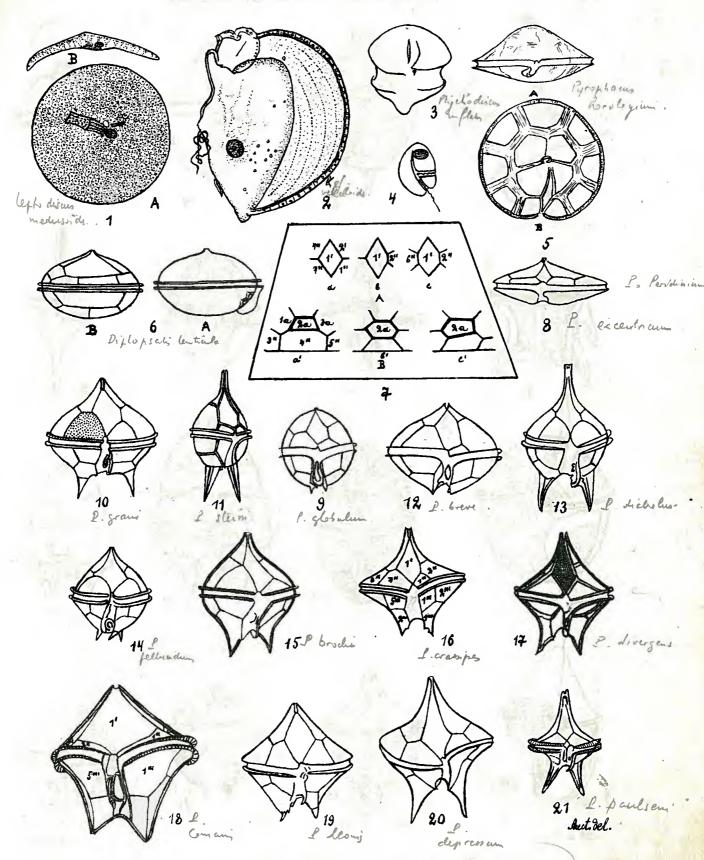


CHAPITRE X. Dinoflagellés Dinophysiales.

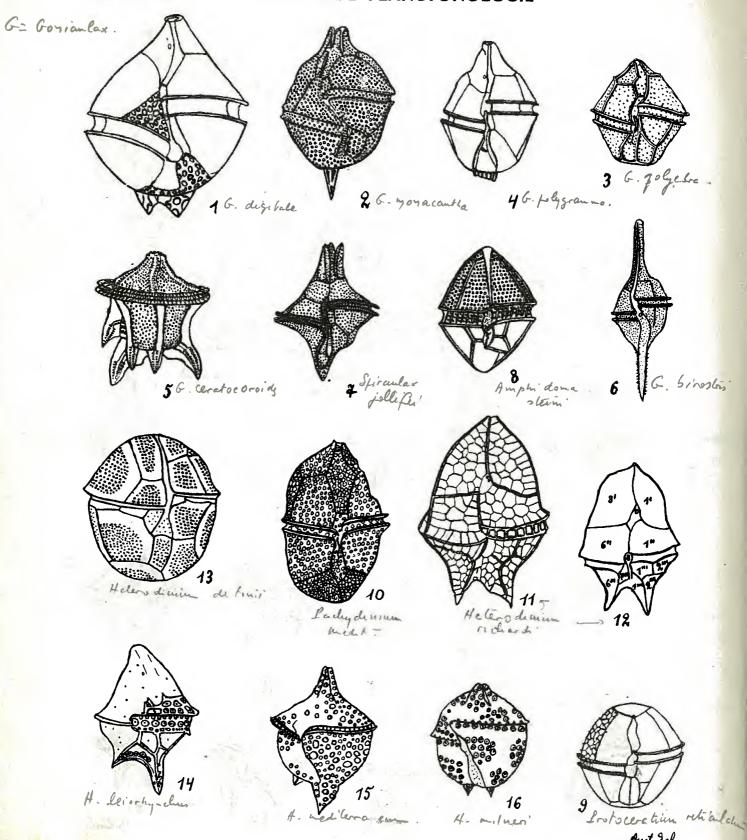


CHAPITRE X. Dinoflagellés Gymnodiales.

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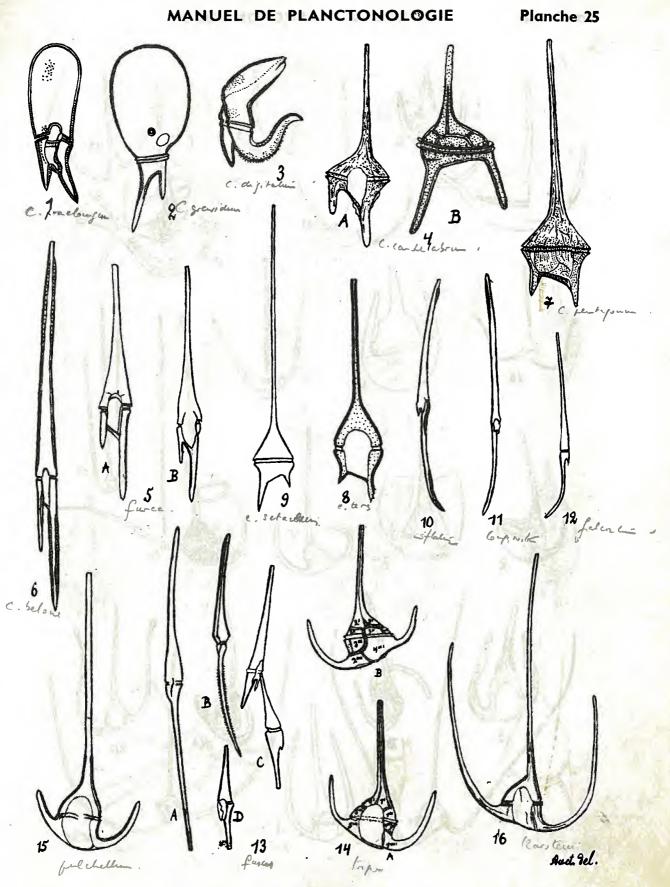


CHAPITRE X. Dinoflagellés Ptychodiscidae, Glenodinidae et Peridinidae.

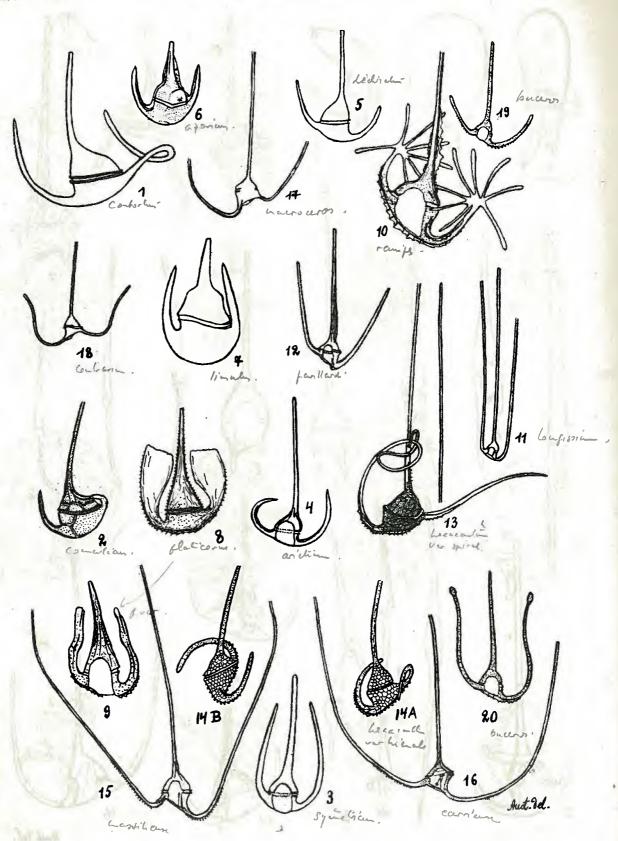


CHAPITRE X. Dinoflagellés Goniaulacidae, Protoceratidae et Heterodinidae.

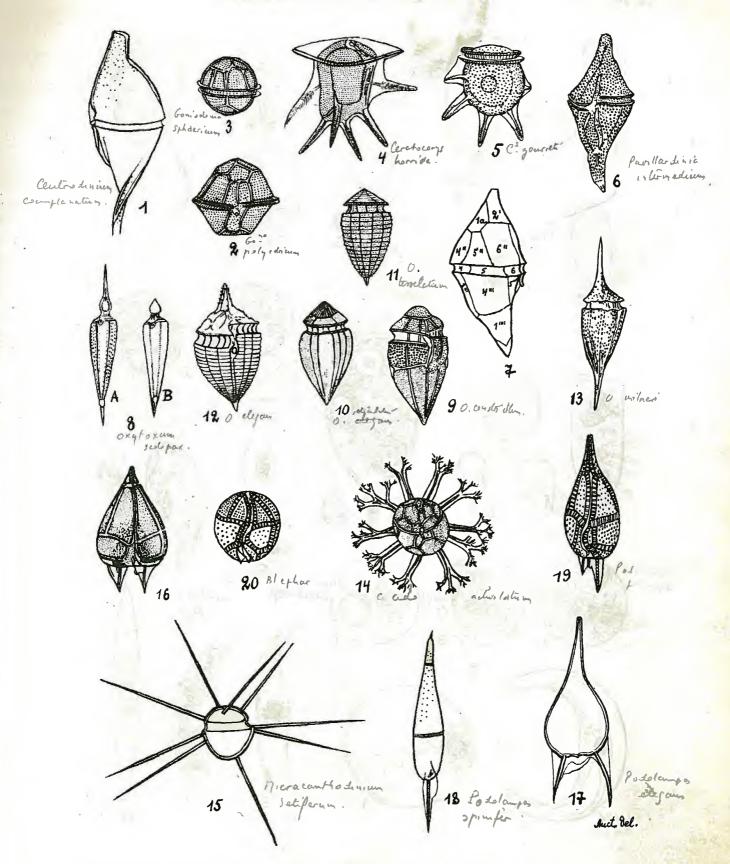
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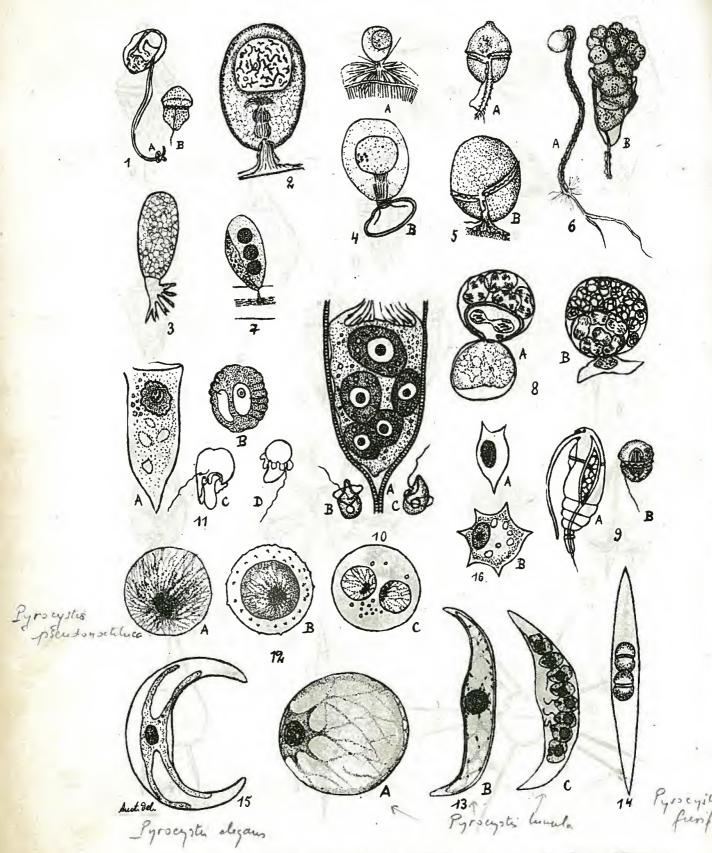
CHAPITRE X. Dinoflagellés Ceratidae.



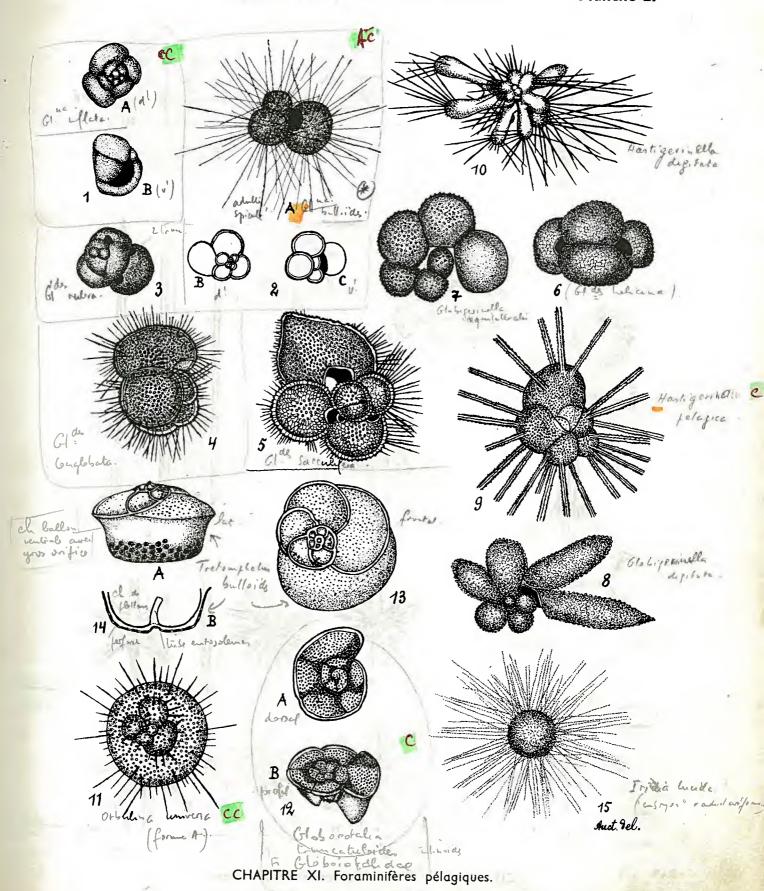
CHAPITRE X. Dinoflagellés Ceratidae.

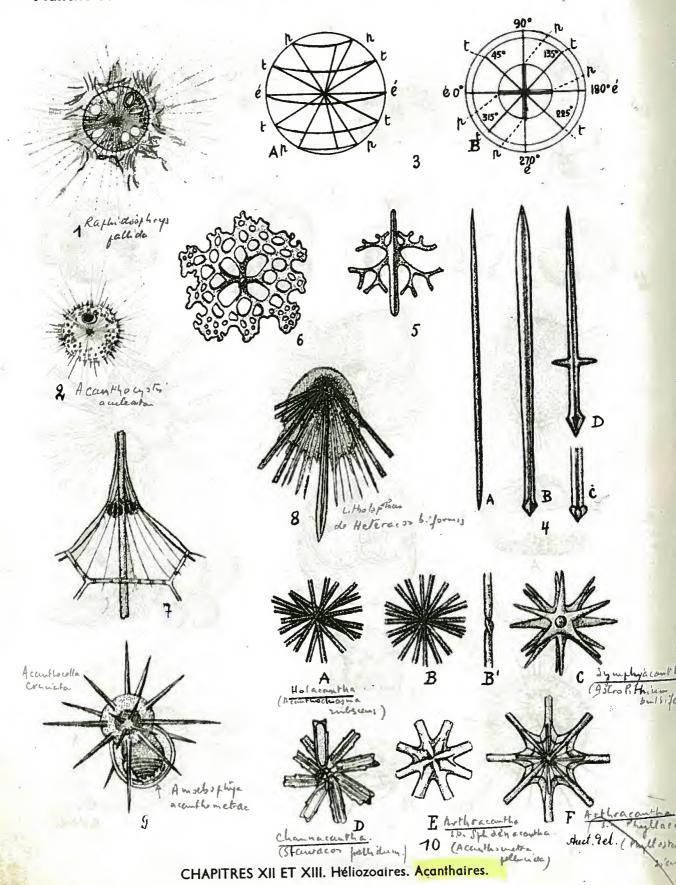


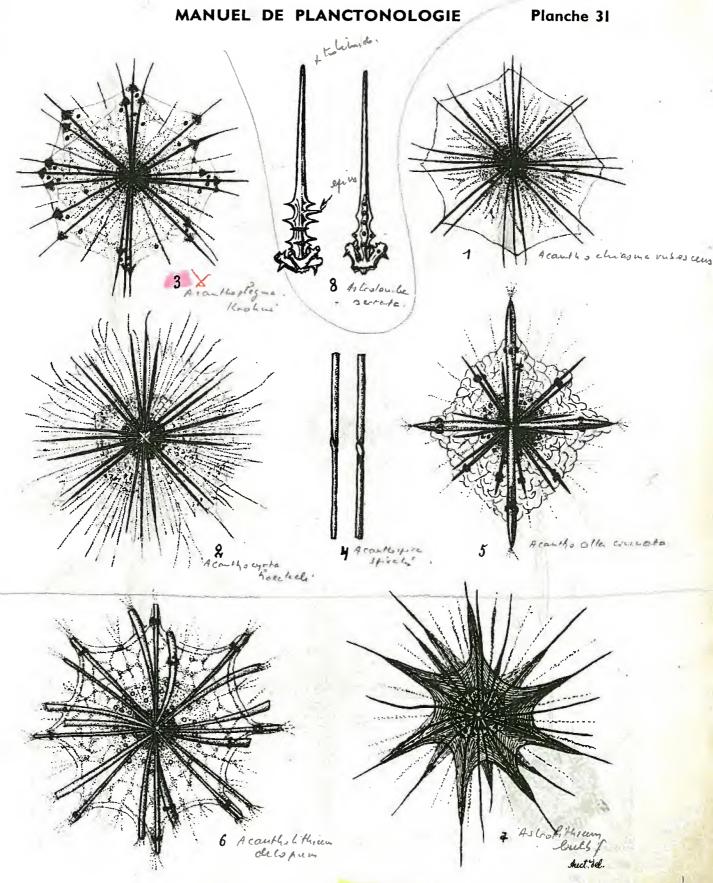
CHAPITRE X. Dinoflagellés Centrodinidae, Goniodomidae, Ceratocorydae, Oxytoxidae, Cladopyxidae et Podolampidae.



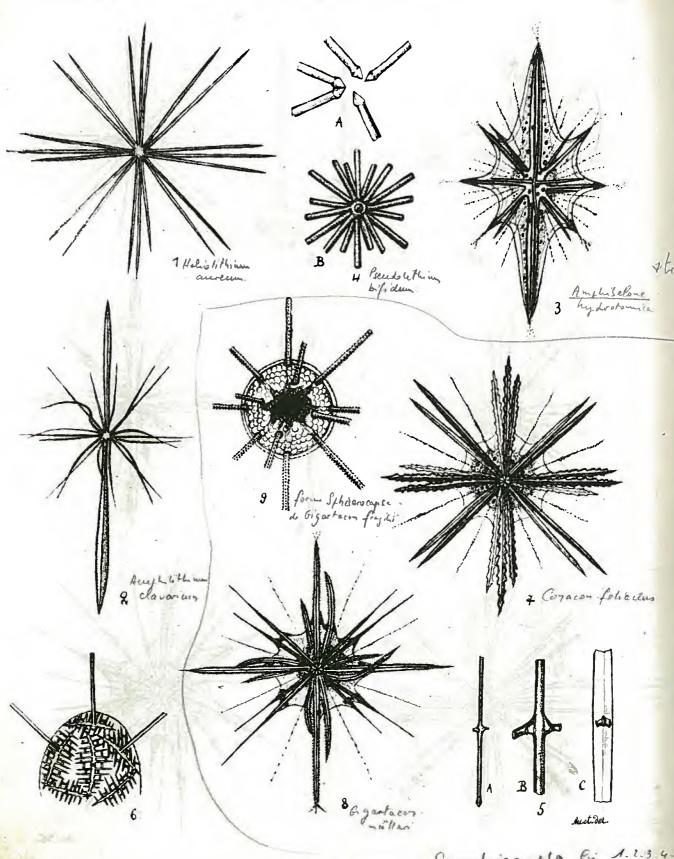
CHAPITRE X. Dinoflagellés Blastodiniales et Dinococcales.





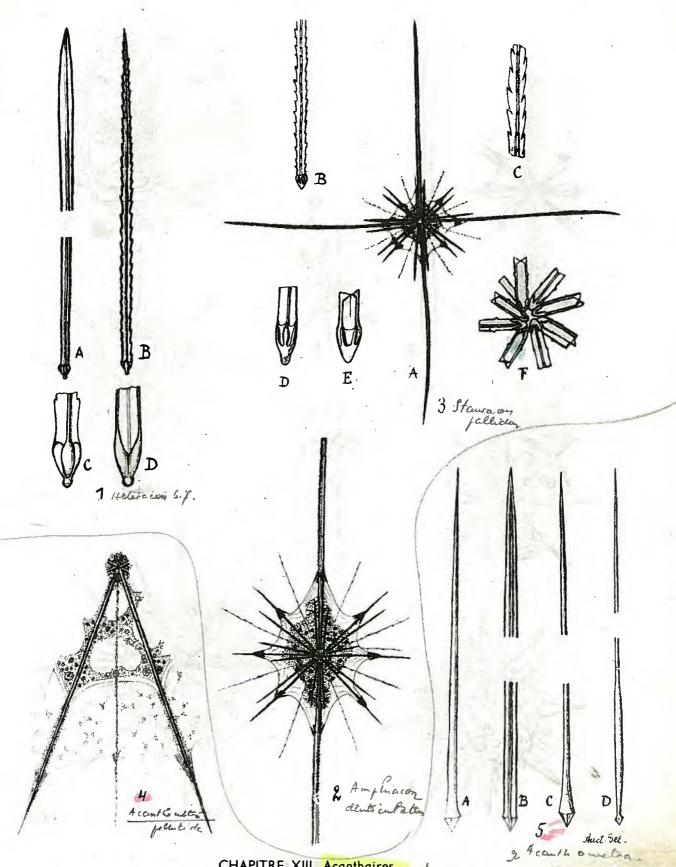


CHAPITRE XIII. Acanthaires. Stolacoutha Fig 1-223 fest (Symphyacoutha Fig 6-7-8.

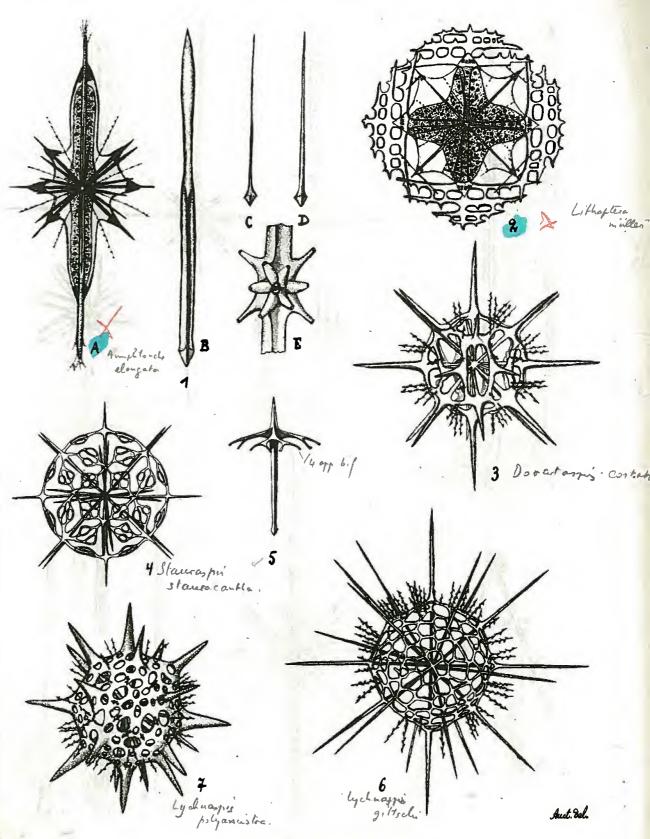


CHAPITRE XIII. Acanthaires.

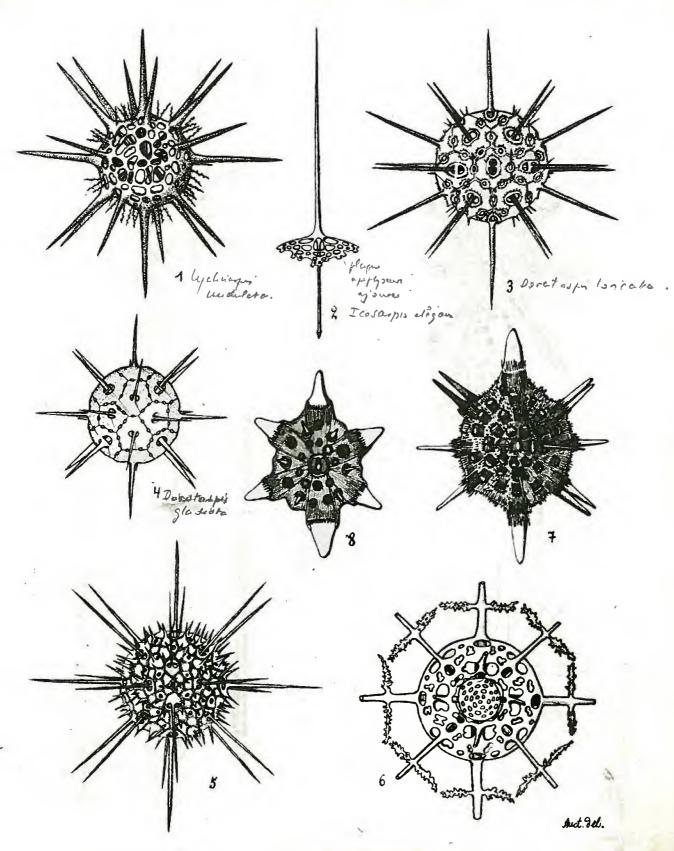
Symphyacometa Fig 1.2.3.4.5 Chauna cantla: Fig. 7.8.9



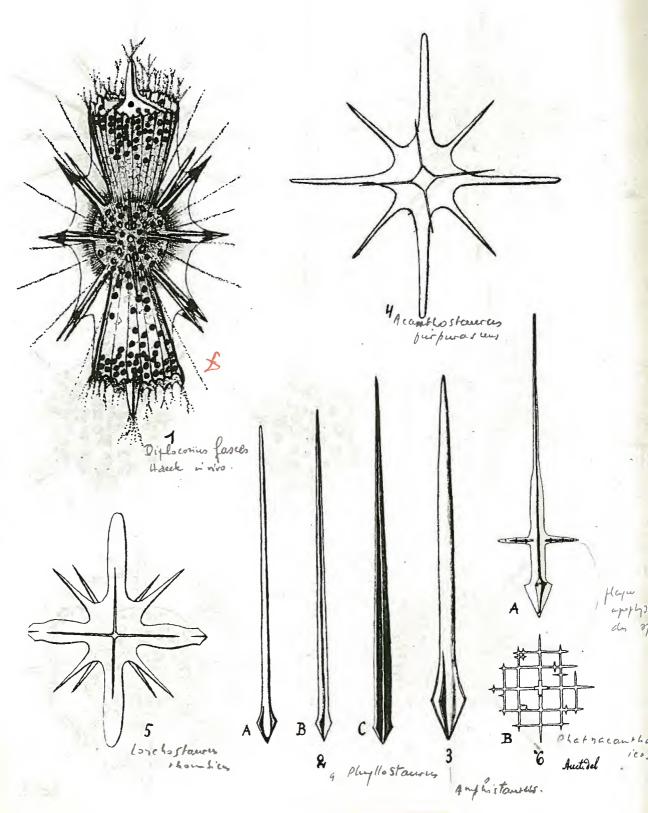
CHAPITRE XIII. Acanthaires. Champacautha Fig. 1-2
- Arthracautha Fig. 4.



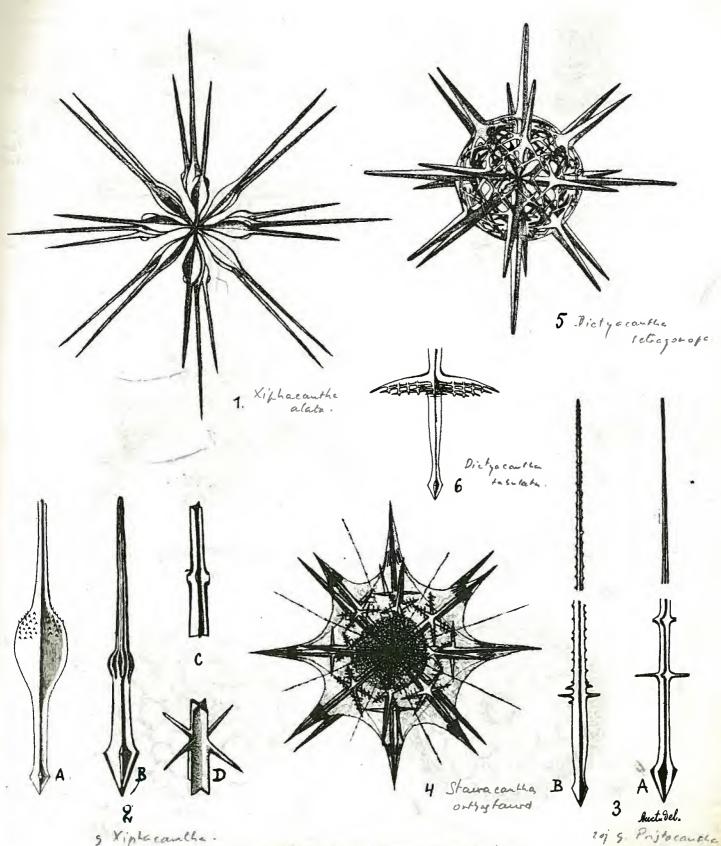
CHAPITRE XIII. Acanthaires. Arthracantha.



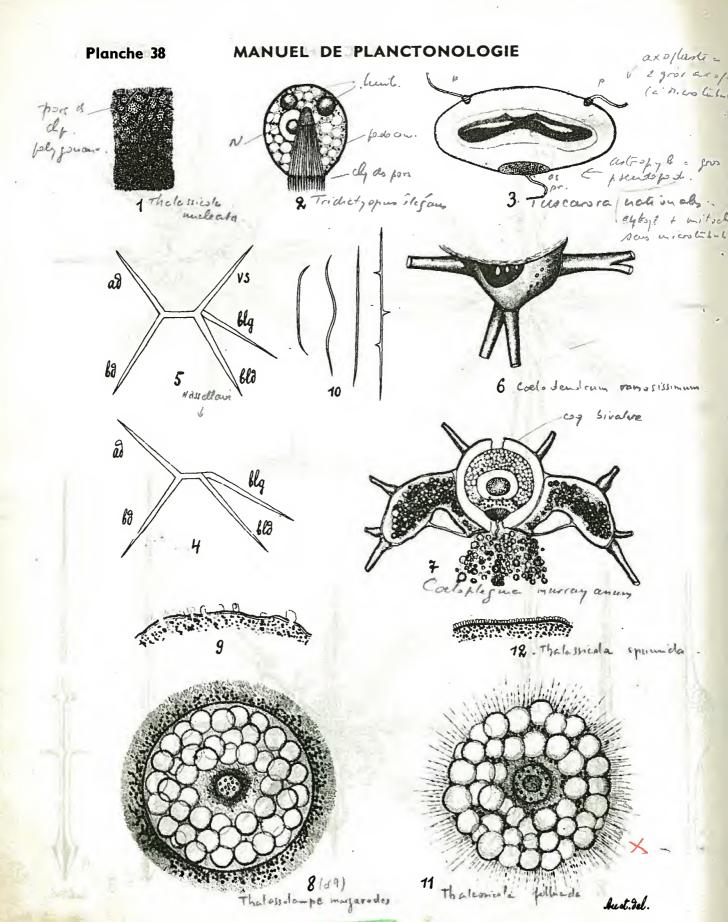
CHAPITRE XIII. Acanthaires. 4-thra earth a



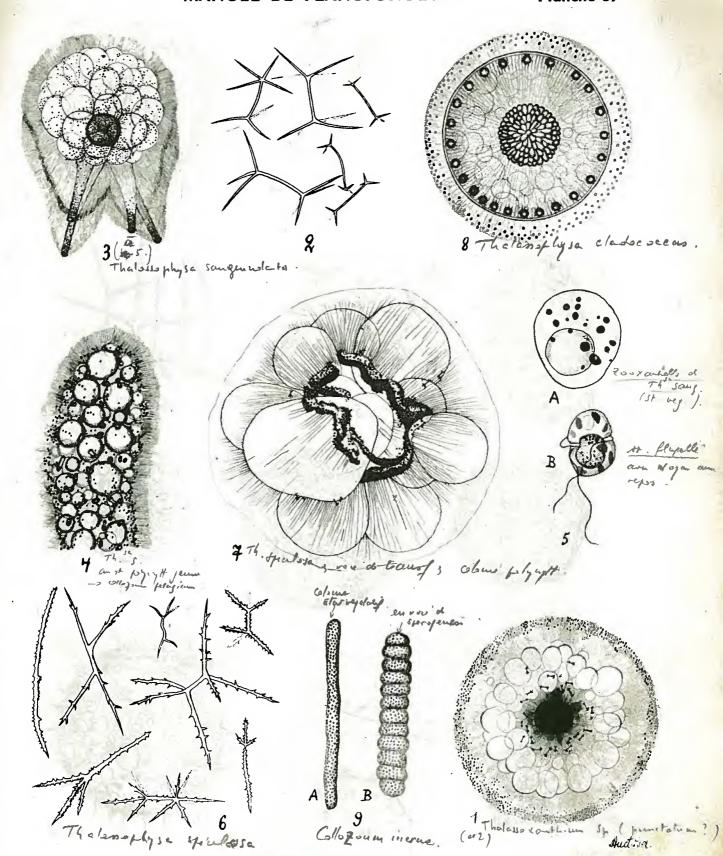
CHAPITRE XIII. Acanthaires. Arthracantha



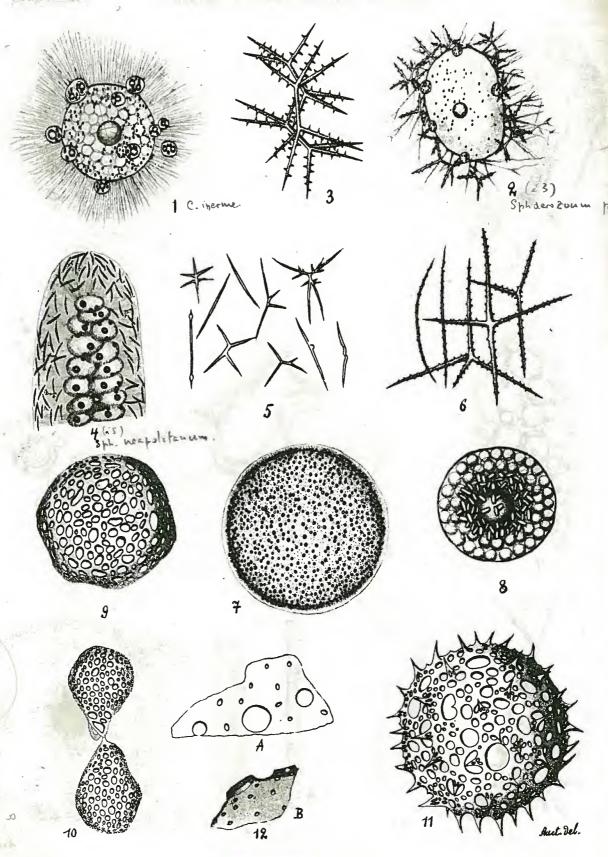
CHAPITRE XIII. Acanthaires. Arthracantha



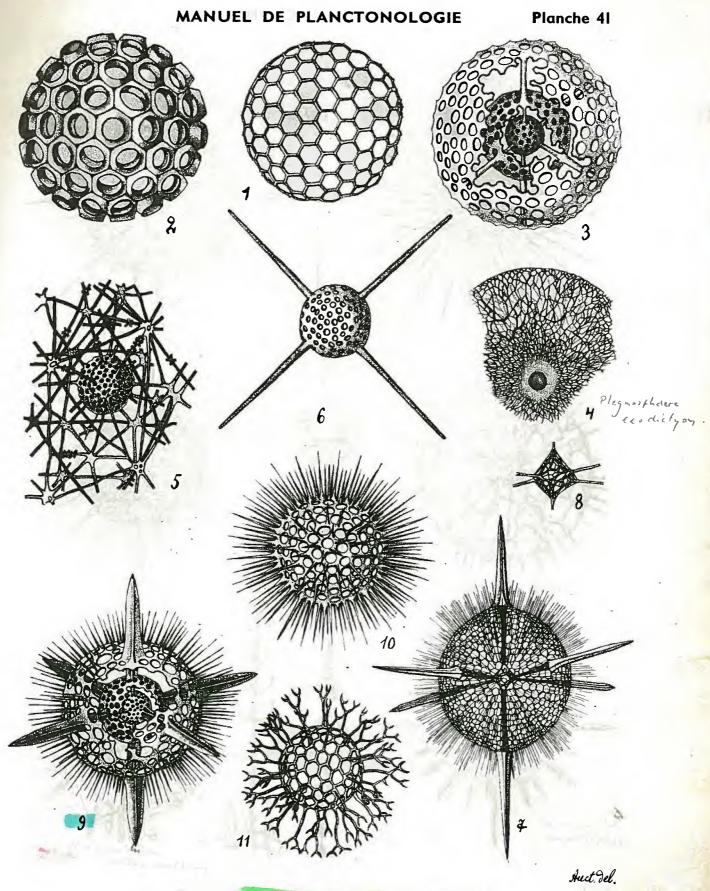
CHAPITRE XIV. Radiolaires Spumellaires Collodariés.



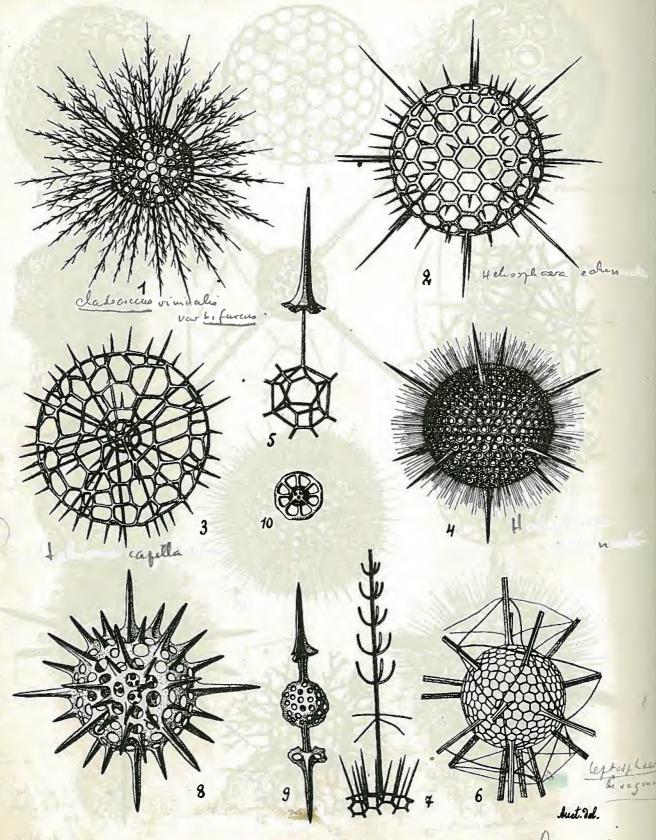
CHAPITRE XIV. Radiolaires Spumellaires Collodariés.



CHAPITRE XIV. Radiolaires Spumellaires Collodariés.

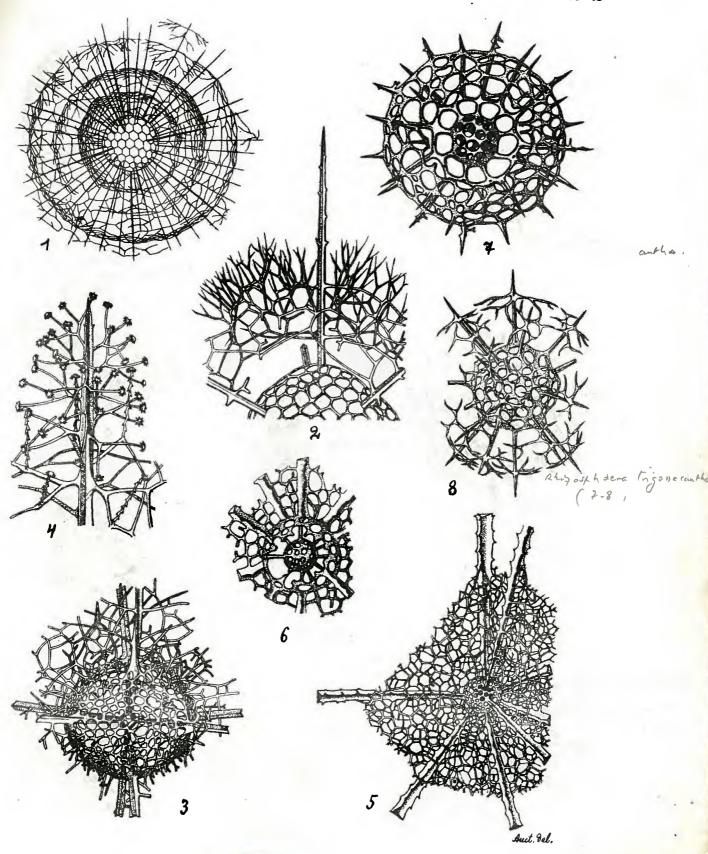


CHAPITRE XIV. Radiolaires Spumellaires Sphaerellaires.

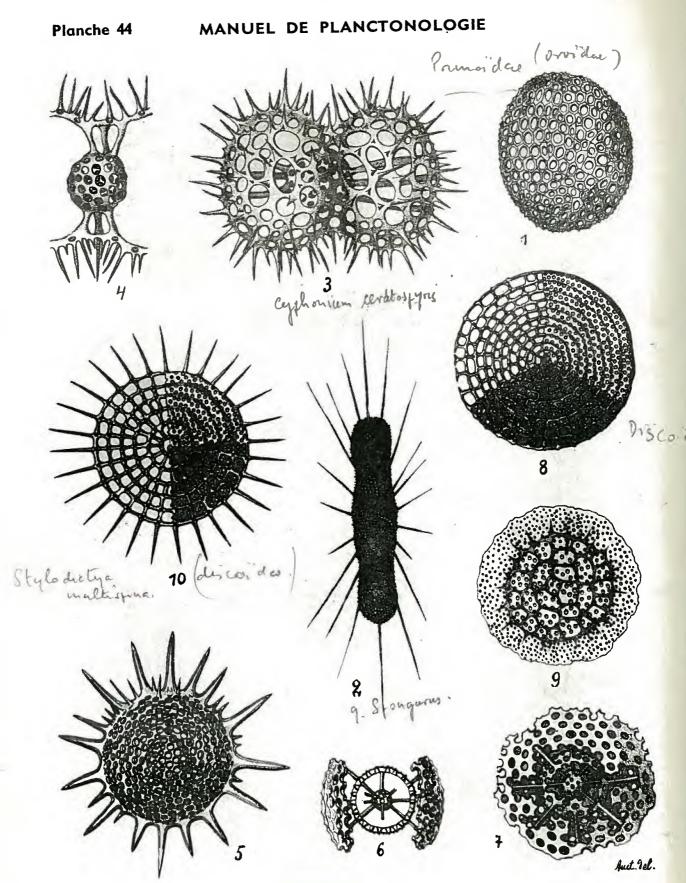


CHAPITRE XIV. Radiolaires Spumellaires Sphaerellaires.

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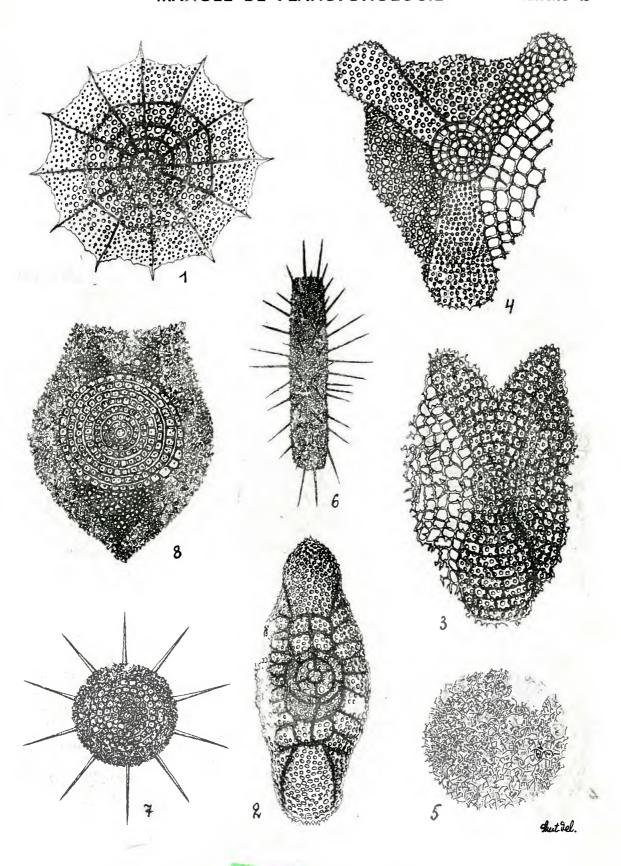


CHAPITRE XIV. Radiolaires Spumellaires Sphaerellaires.



CHAPITRE XIV. Radiolaires Spumellaires Sphaerellaires.

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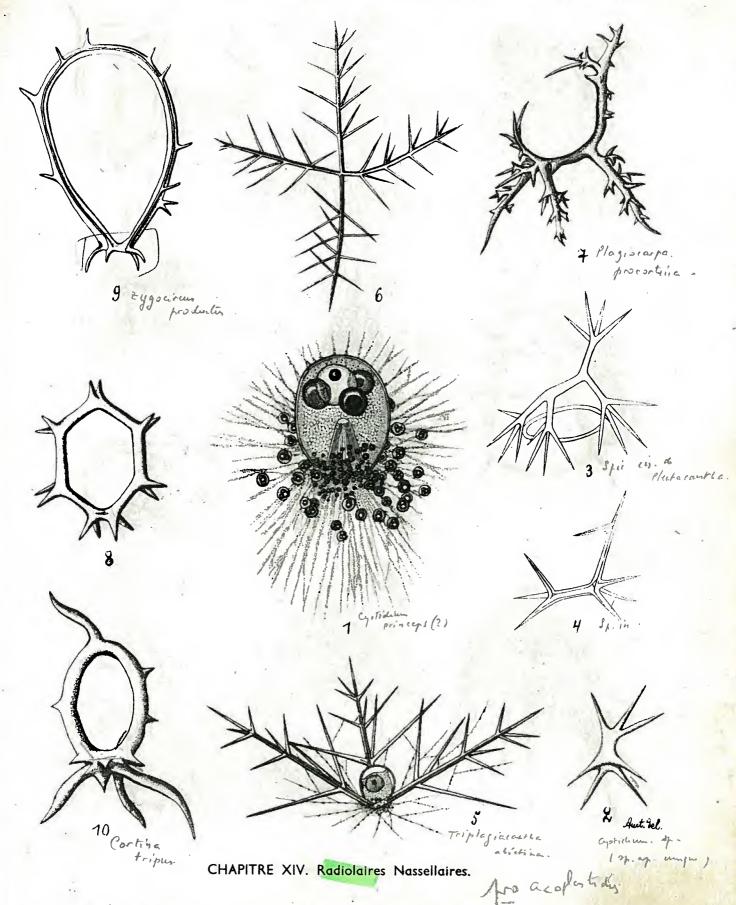


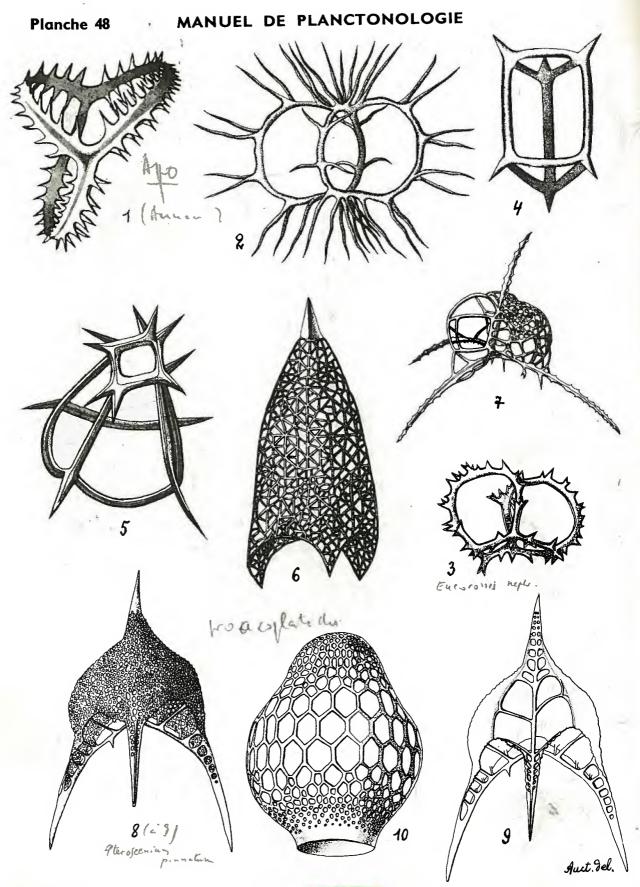
CHAPITRE XIV. Radiolaires Spumellaires Sphaerellaires.

MANUEL DE PLANCTONOLOGIE Planche 46 Larco, des. lar (Centers) Auct Tes. CHAPITRE XIV. Radiolaires Spumellaires Sphaerellaires.

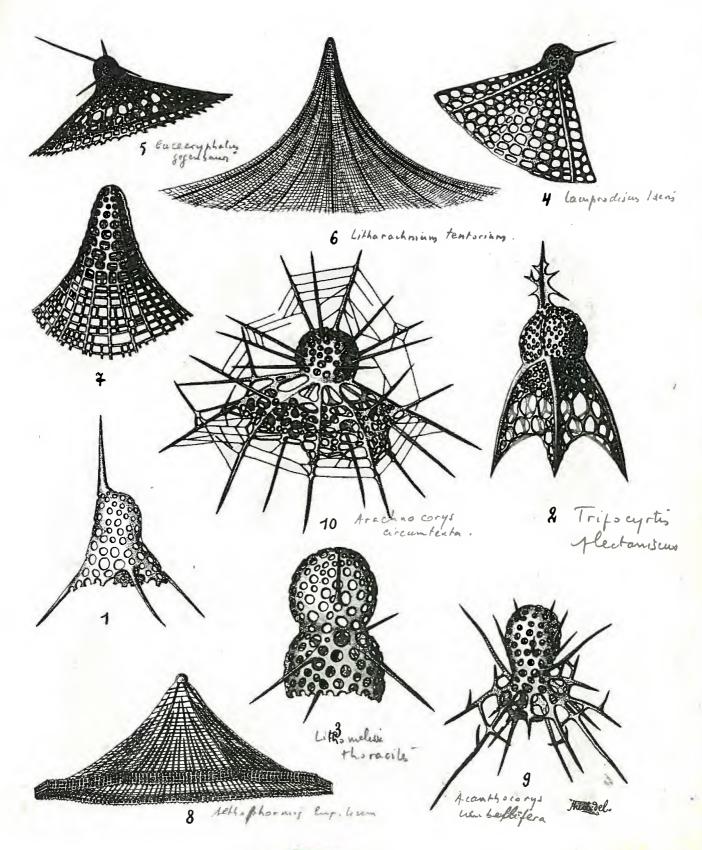
MANUEL DE PLANCTONOLOGIE

Planche 47

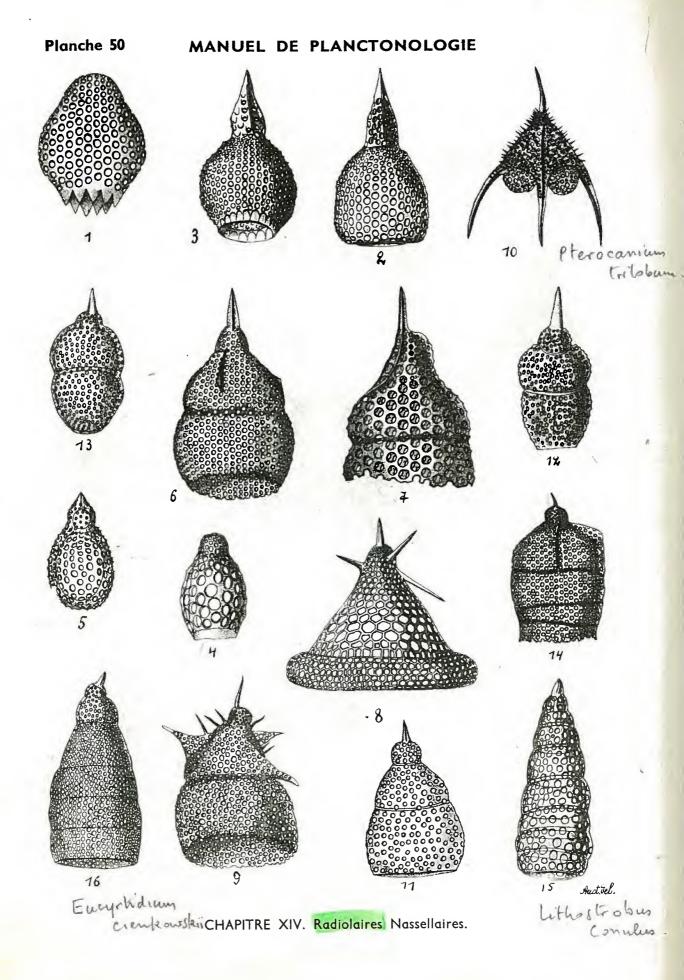


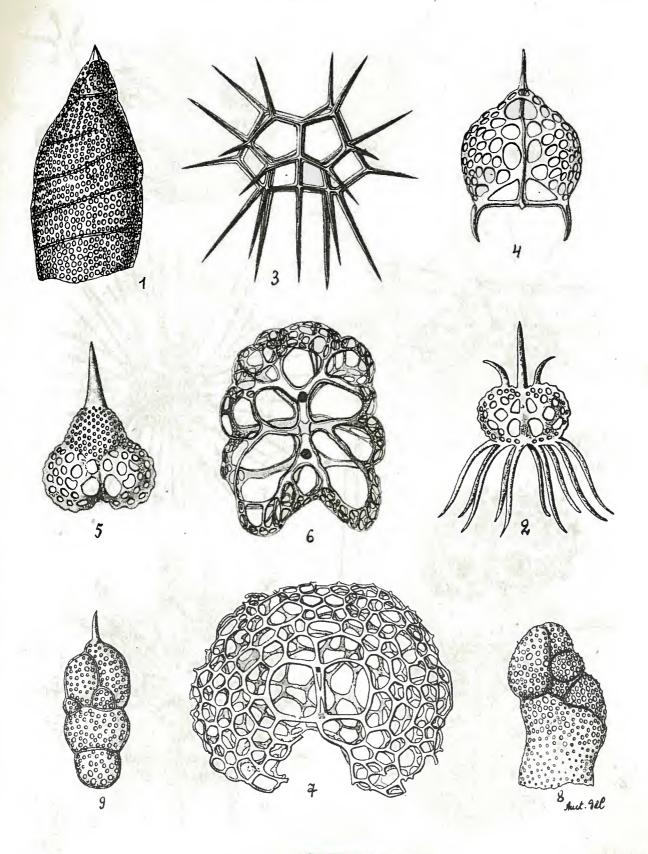


CHAPITRE XIV. Radiolaires Nassellaires.



CHAPITRE XIV. Radiolaires Nassellaires.





CHAPITRE XIV. Radiolaires Nassellaires.

CHAPITRE XIV. Radiolaires Phaeodariés.

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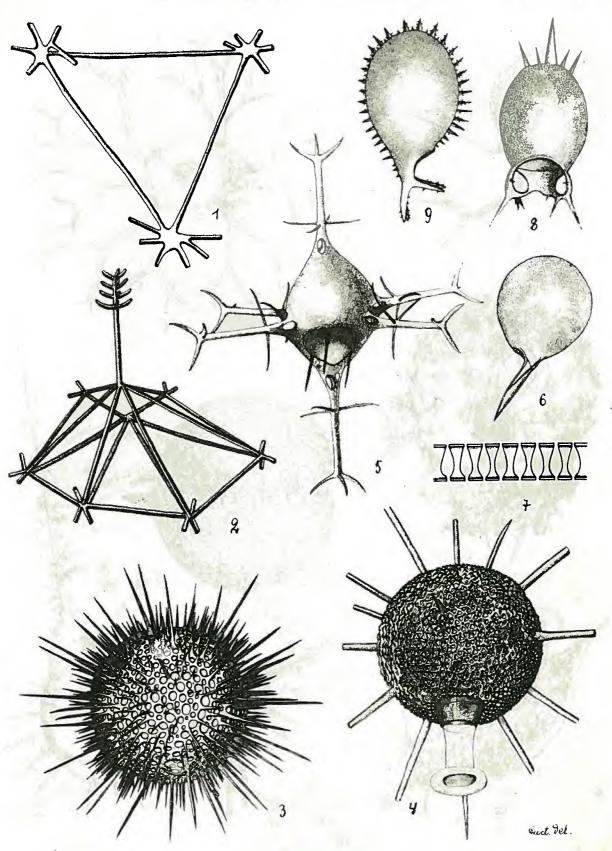
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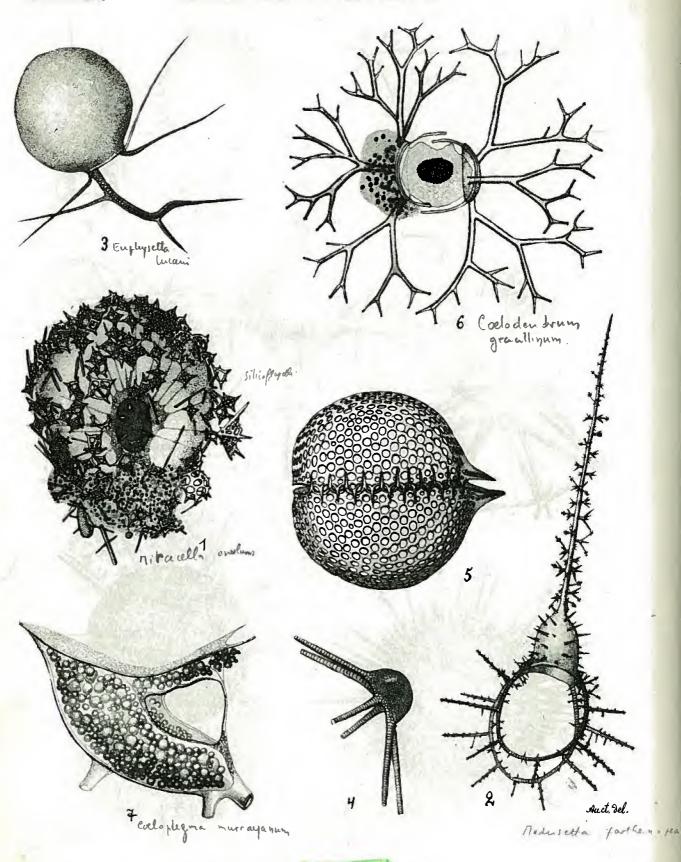


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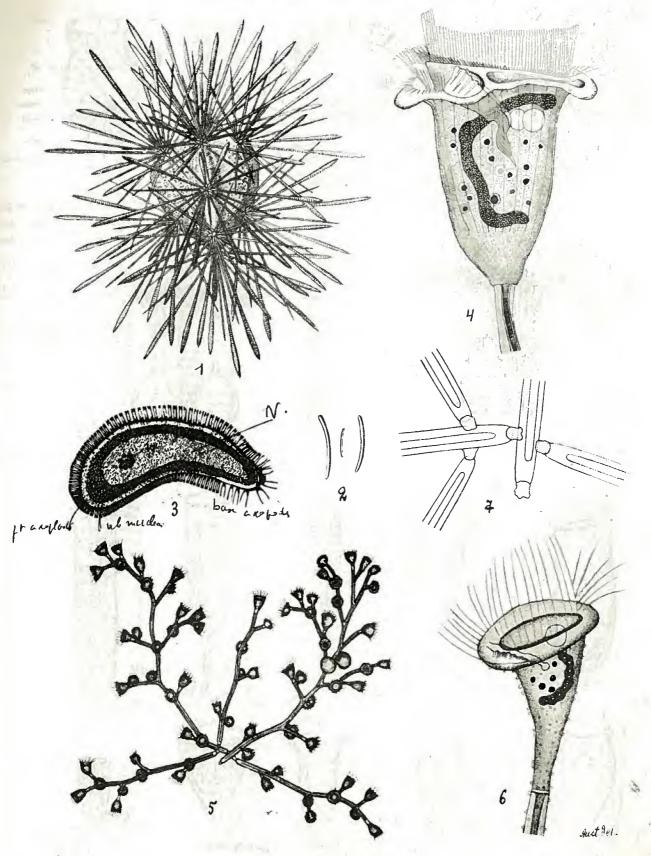


CHAPITRE XIV. Radiolaires Phaeodariés.

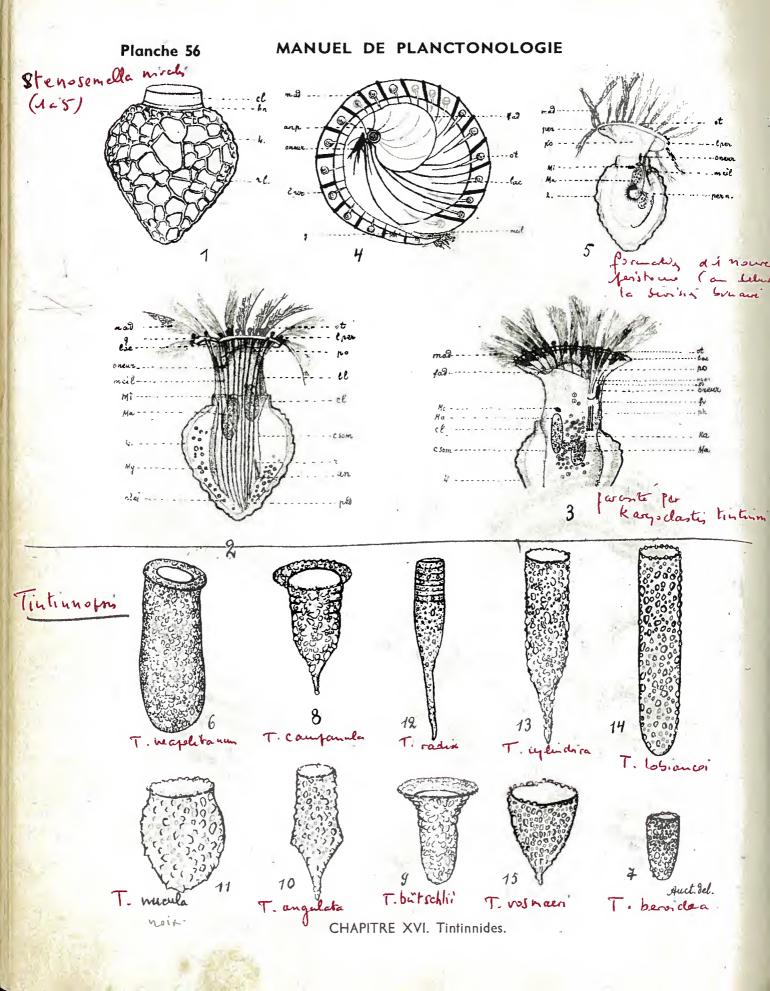
Planche 54 MANUEL DE PLANCTONOLOGIE

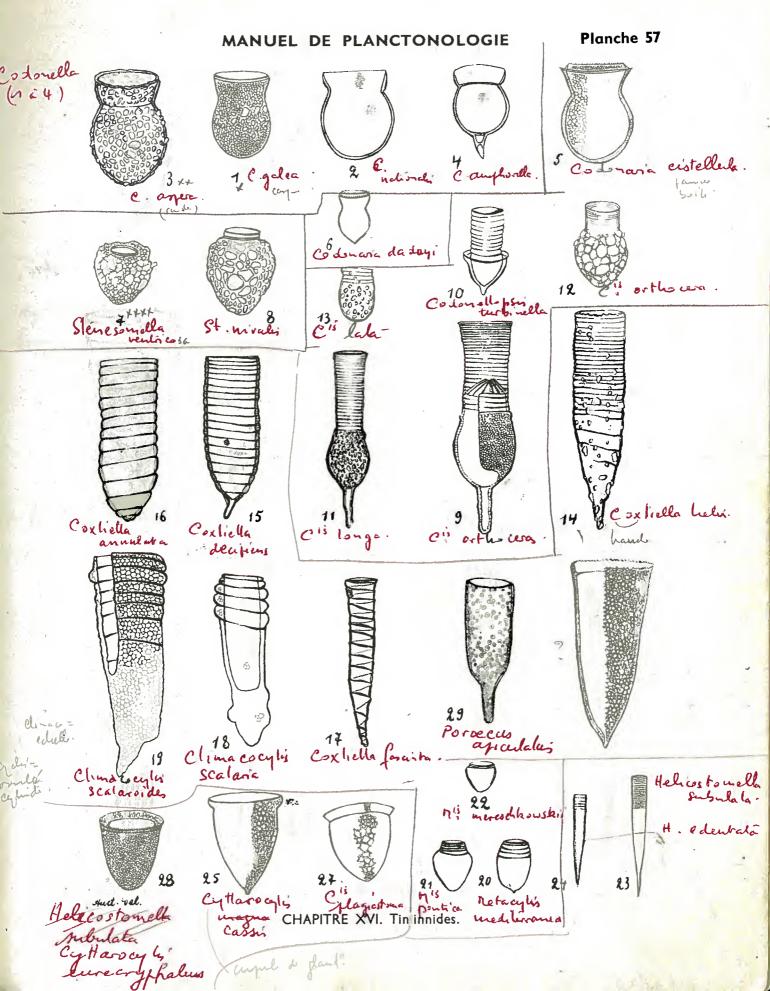


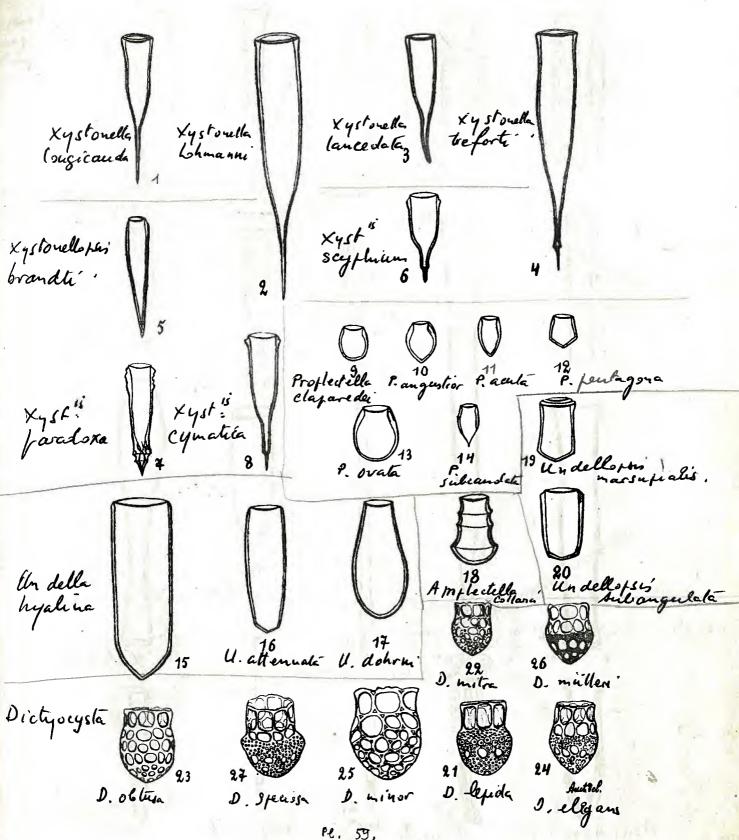
CHAPITRE XIV. Radiolaires Phaeodariés.



CHAPITRE XV. Sticholonche zanclea. Zoothamnium pelagicum.

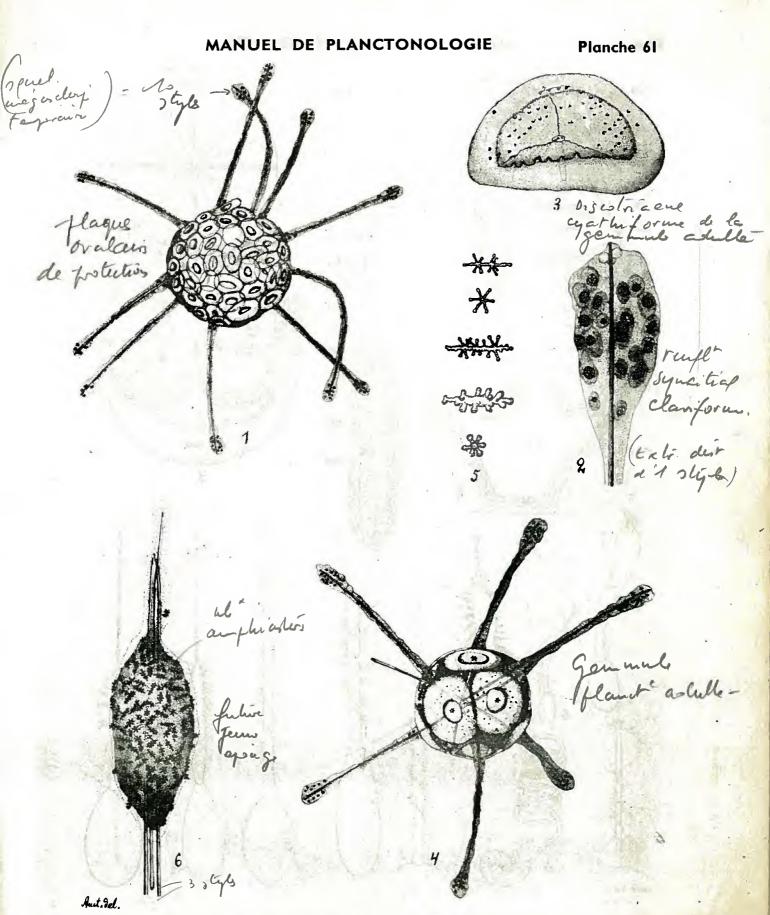






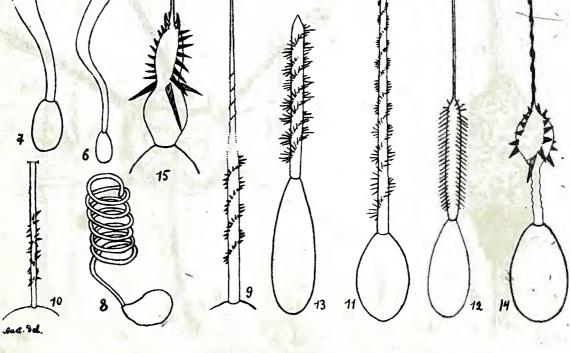
CHAPITRE XVI. Tintinnides.

MANUEL DE PLANCTONOLOGIE Planche 60 Tintinnas lines Bursaopsis strate B. Cantharilla Steenstrupielle punota pyramidale steenstrupielle Amphorella quadr lineata Eutentinnus 11 -17 Dadayiella gany hedes Ormosella Dadaviella trachelium pachytoccus E- luous - un das E. fraknoi E. angustatus 15 U . manilentus 12 E. dilatatus E. latus Sale glocker togeri Jt. elegaus Sulfingella Amphovellopai tetragona. Daturelle deurke after dature CHAPITRE XVI. Tintinnides.



CHAPITRE XVII. Spongiaires. Gemmules d'Alectona millari C.

MANUEL DE PLANCTONOLOGIE Planche 62

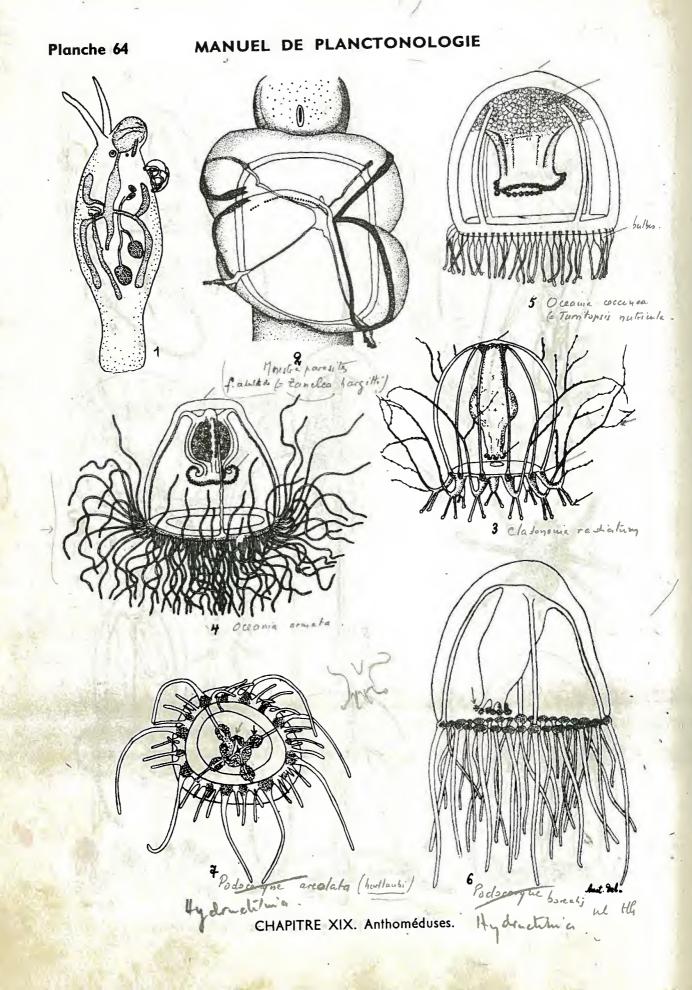


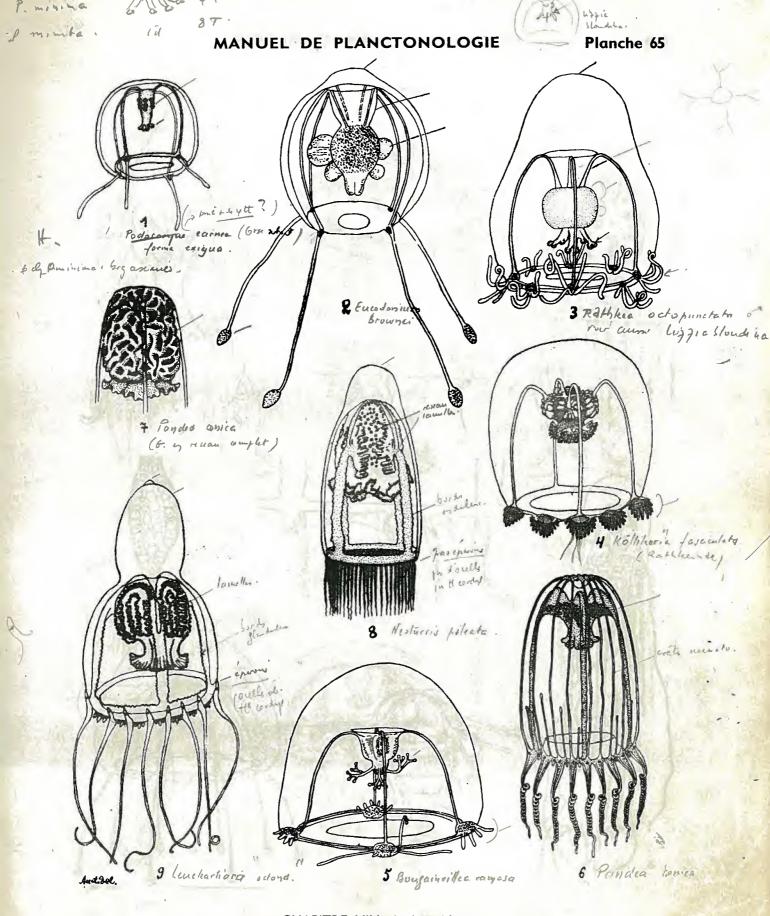
CHAPITRE XVIII. Hydroméduses Craspédotes. Caractères généraux.

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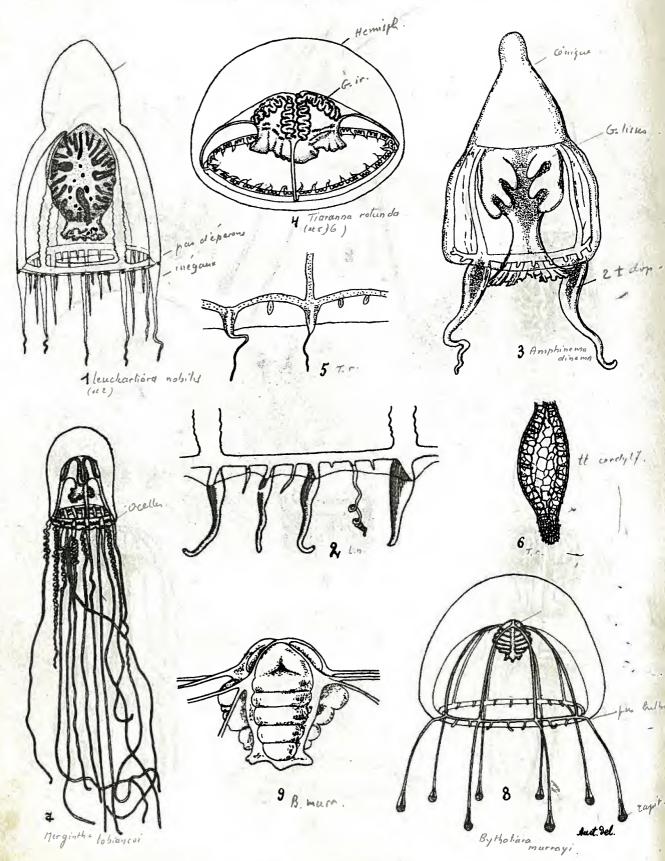
CHAPITRE XIX. Anthoméduses.

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CHAPITRE XIX. Anthoméduses.

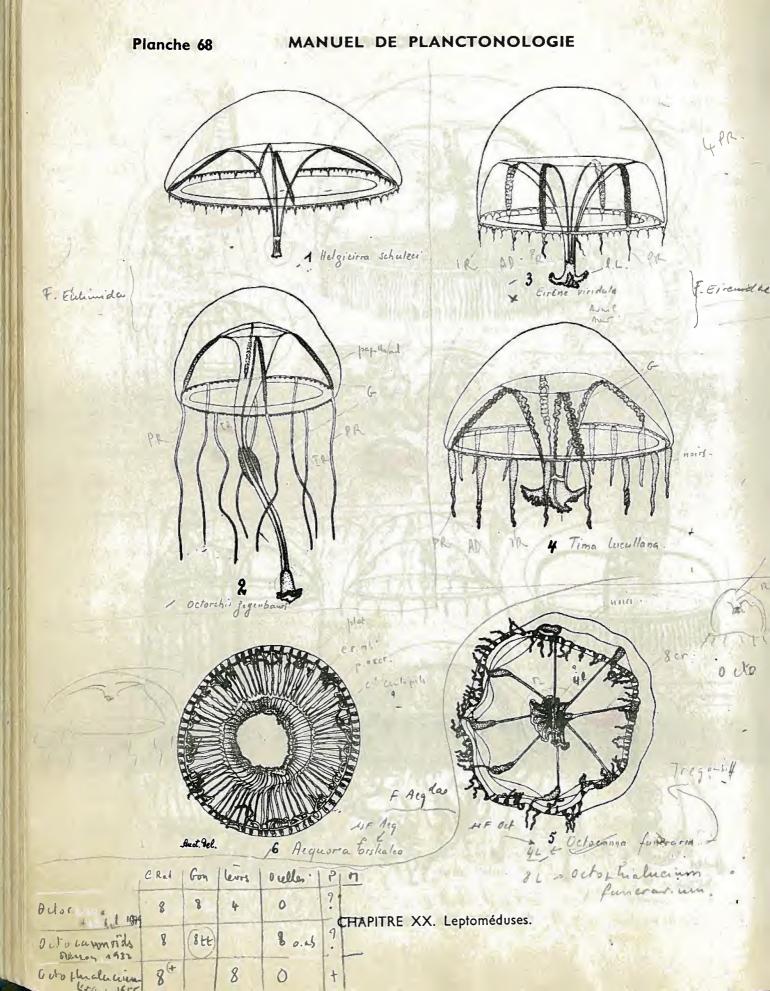


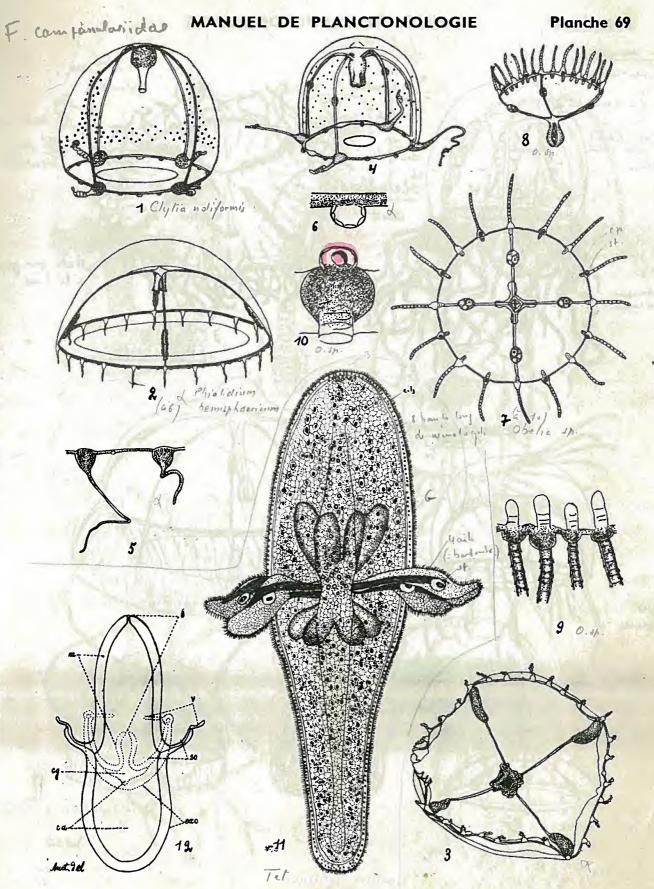
CHAPITRE XIX. Anthoméduses.

MANUEL DE PLANCTONOLOGIE

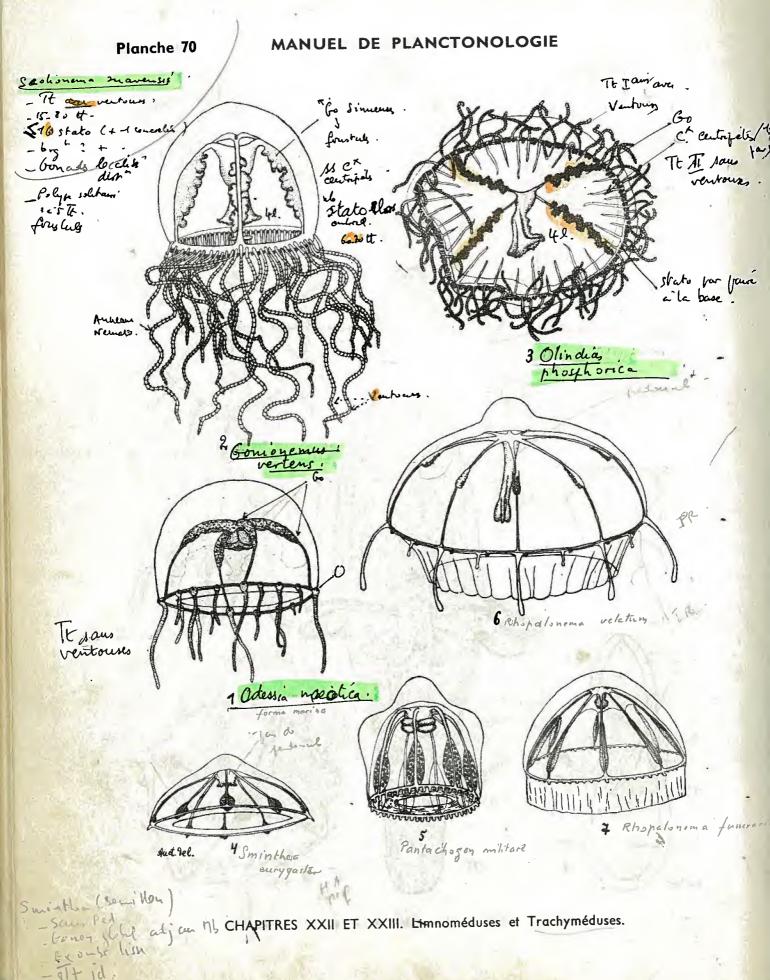
Planche 67

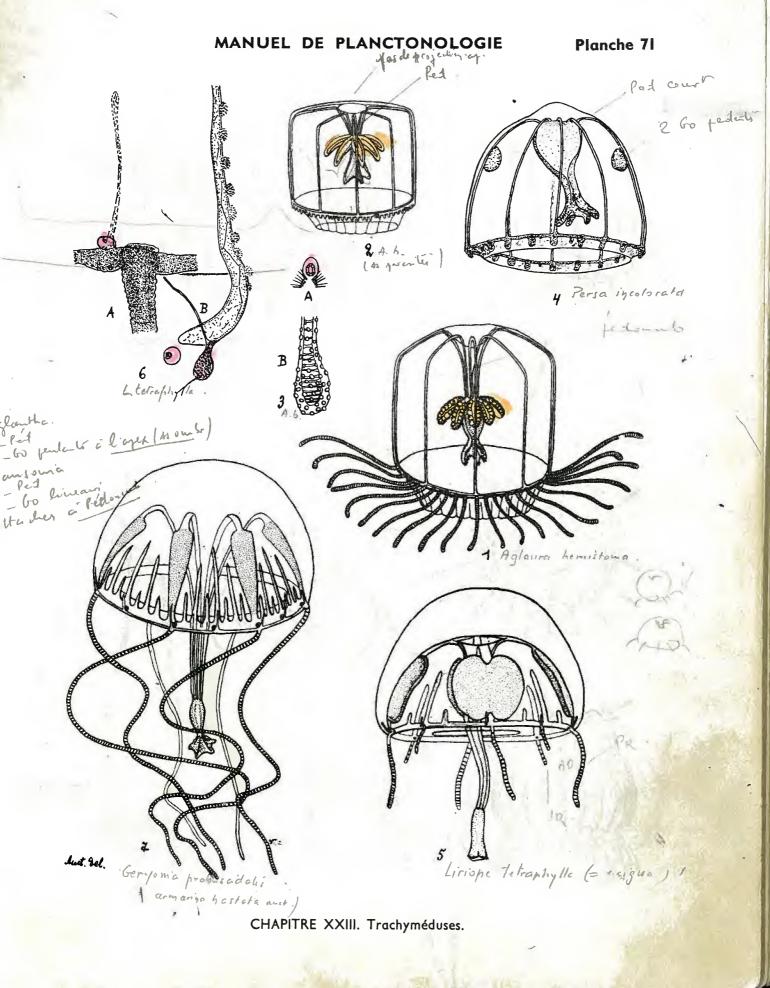


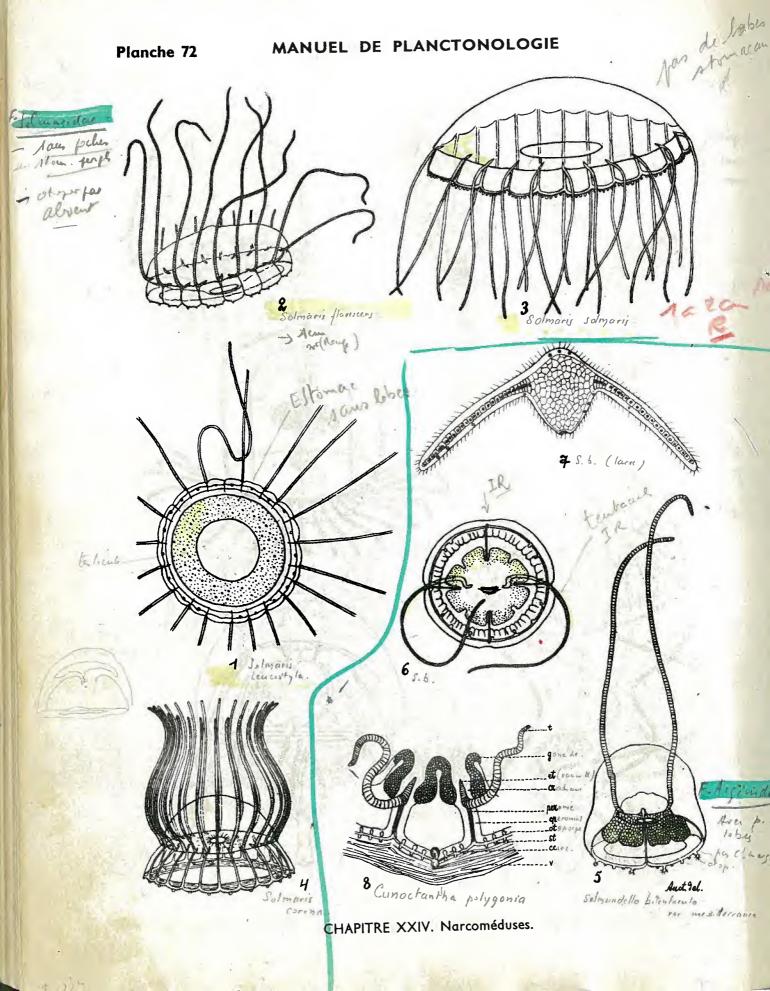


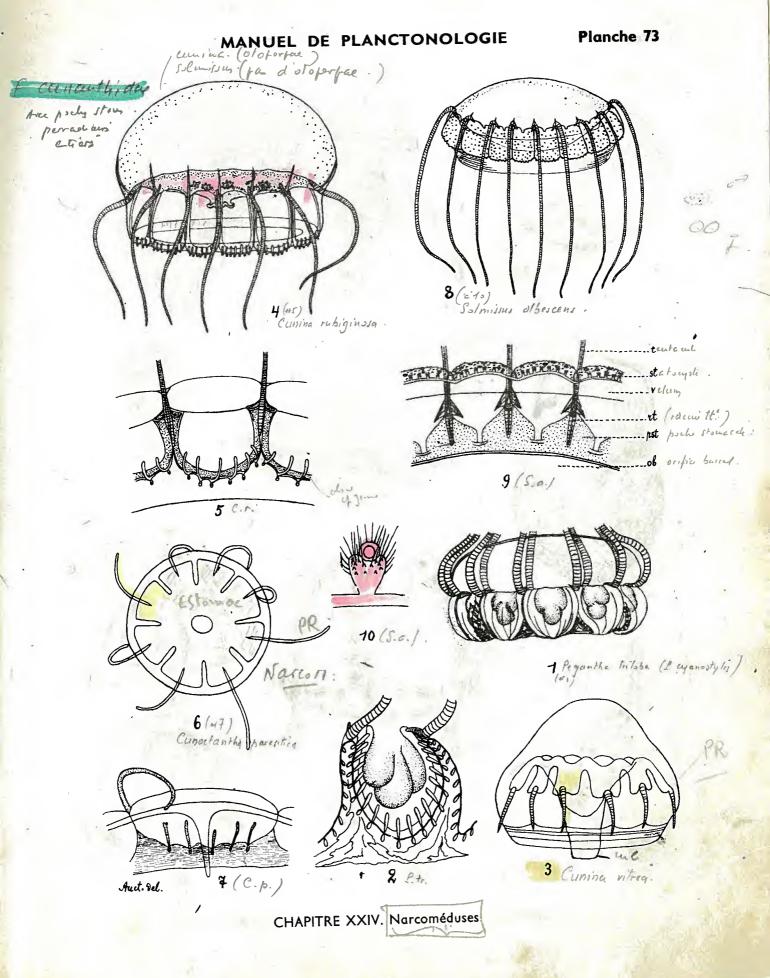


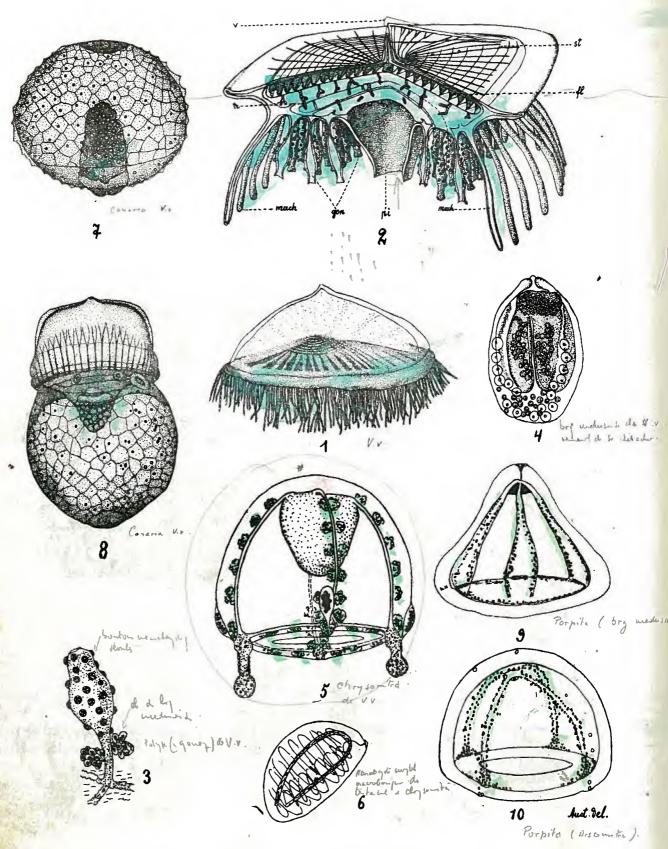
CHAPITRES XX ET XXI. Leptoméduses et Ptéroméduses.



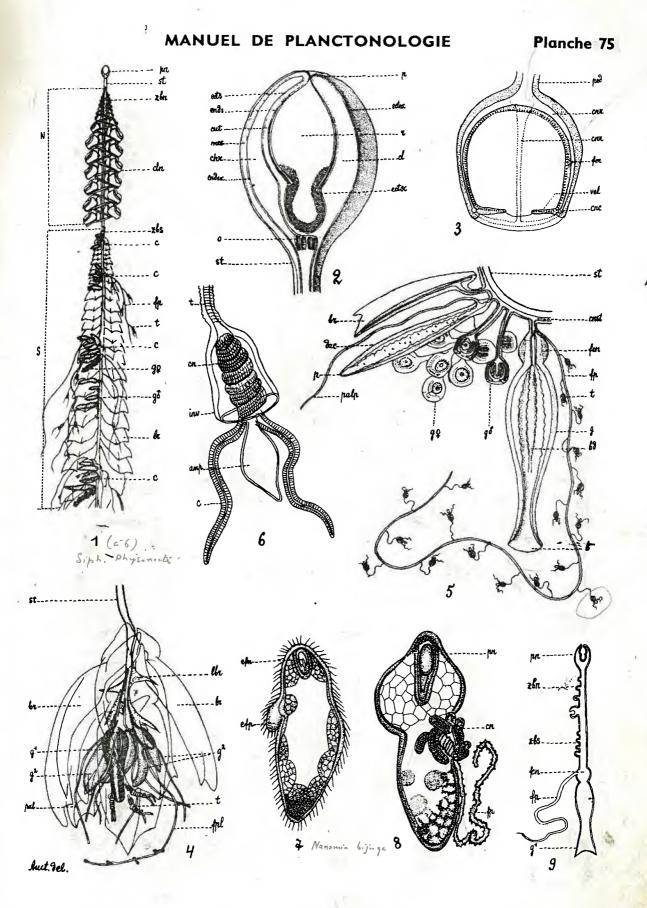




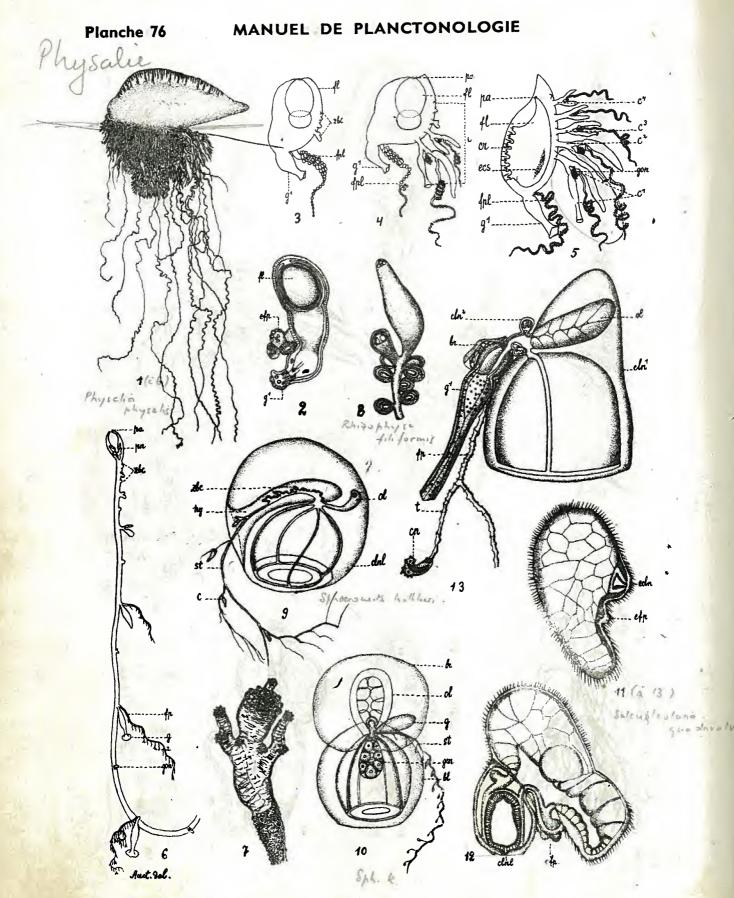




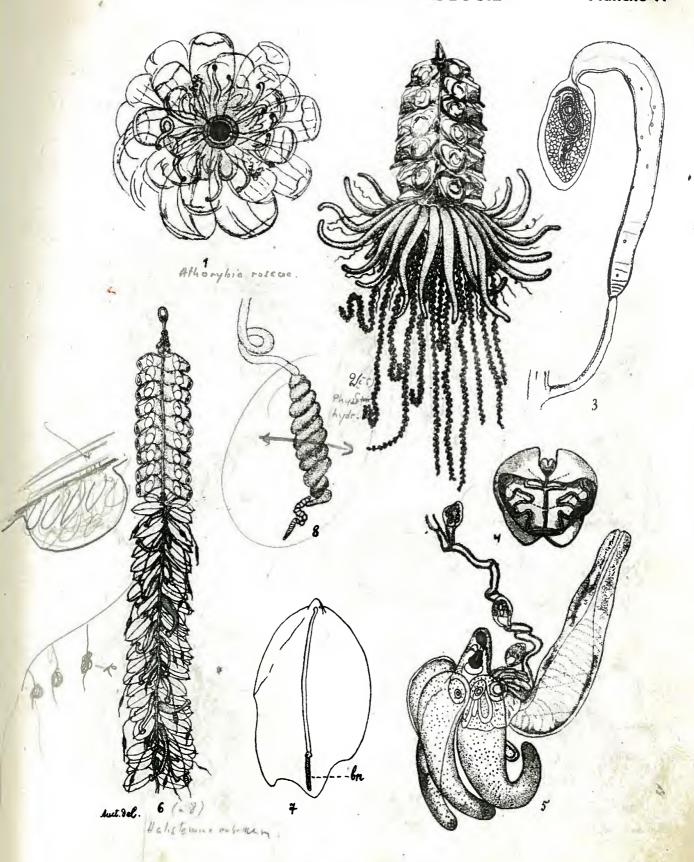
 ${\it CHAPITRE~XXV.~Pseudo-Siphonophores~Chondrophorides.}$



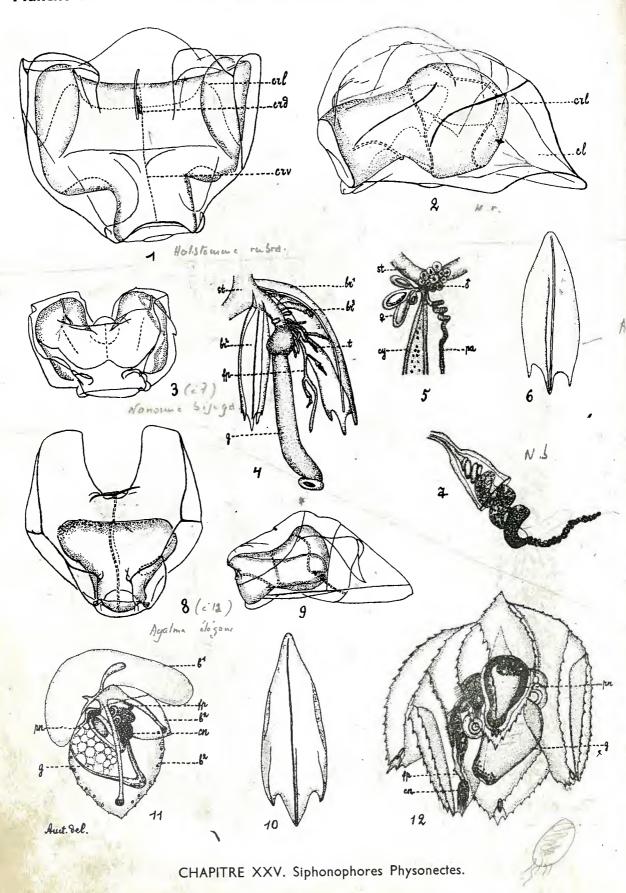
CHAPITRE XXV. Siphonophores Siphonantes. Caractères généraux.

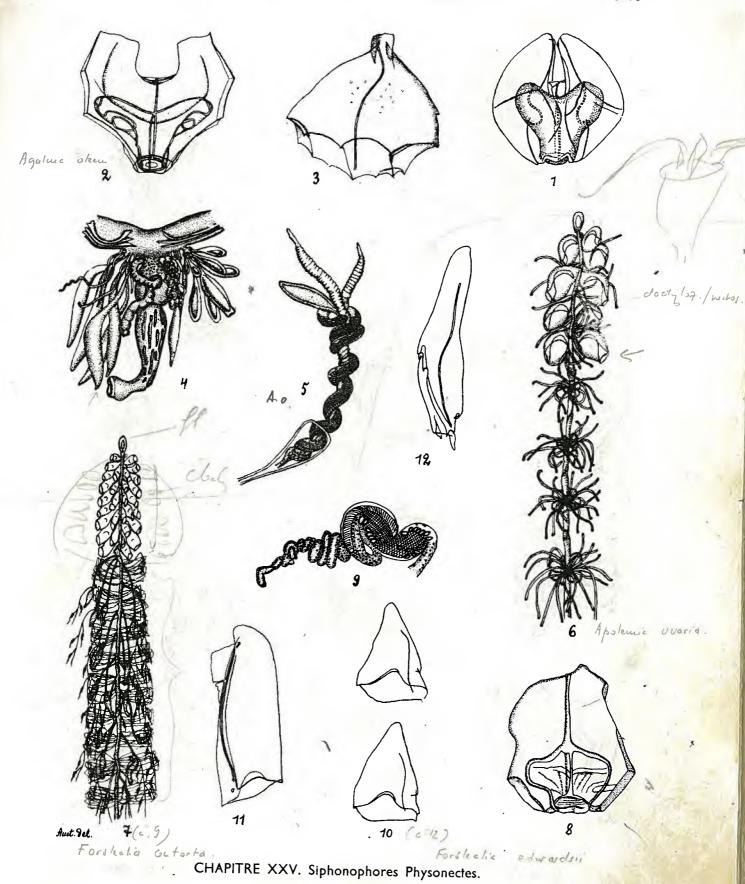


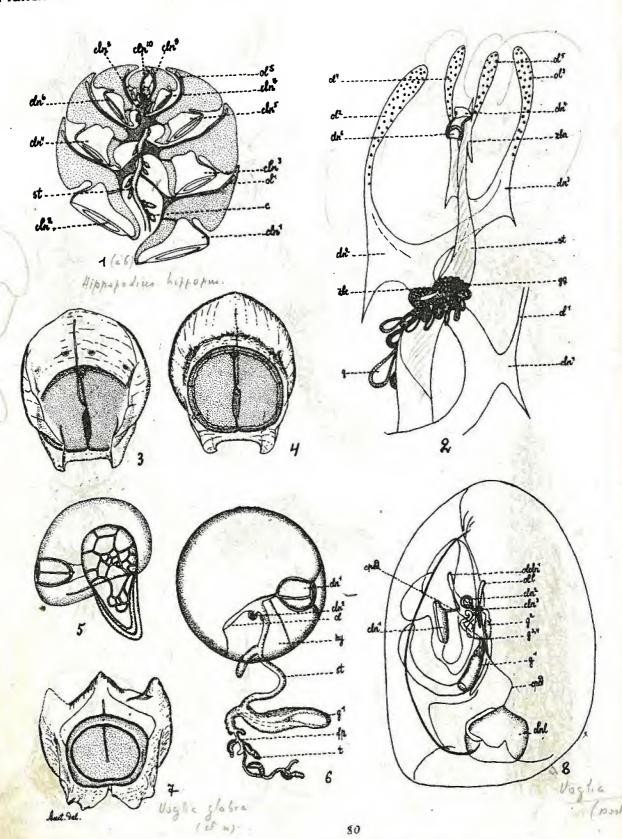
CHAPITRE XXV. Siphonophores Cystonectes. Développement des Calycophores.



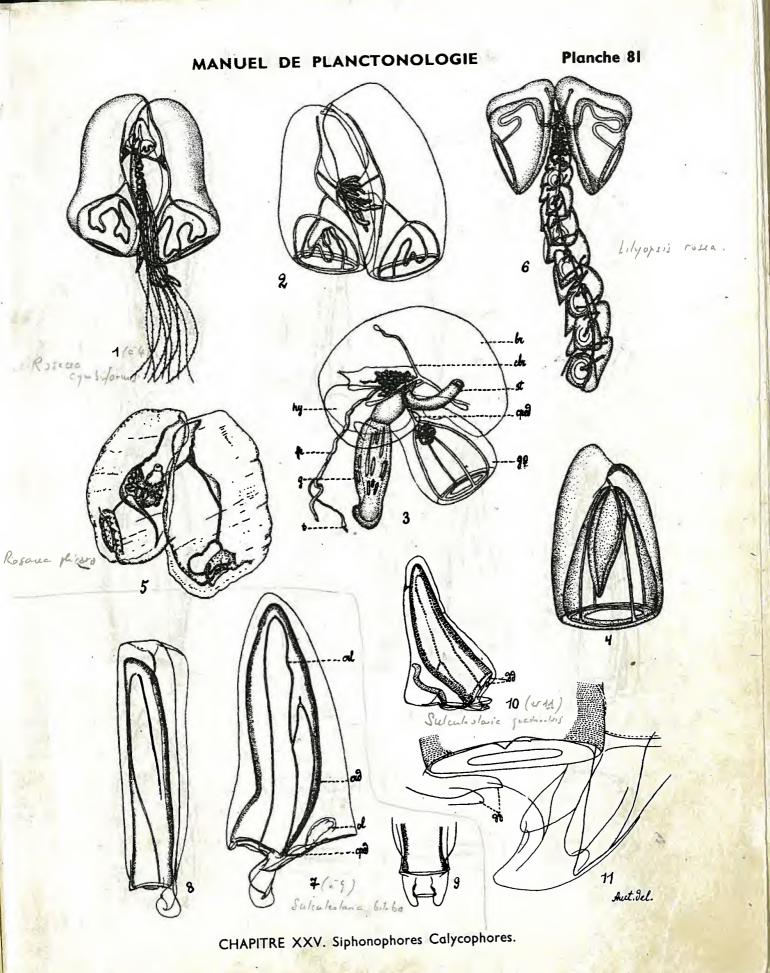
CHAPITRE XXV. Siphonophores Physonectes.



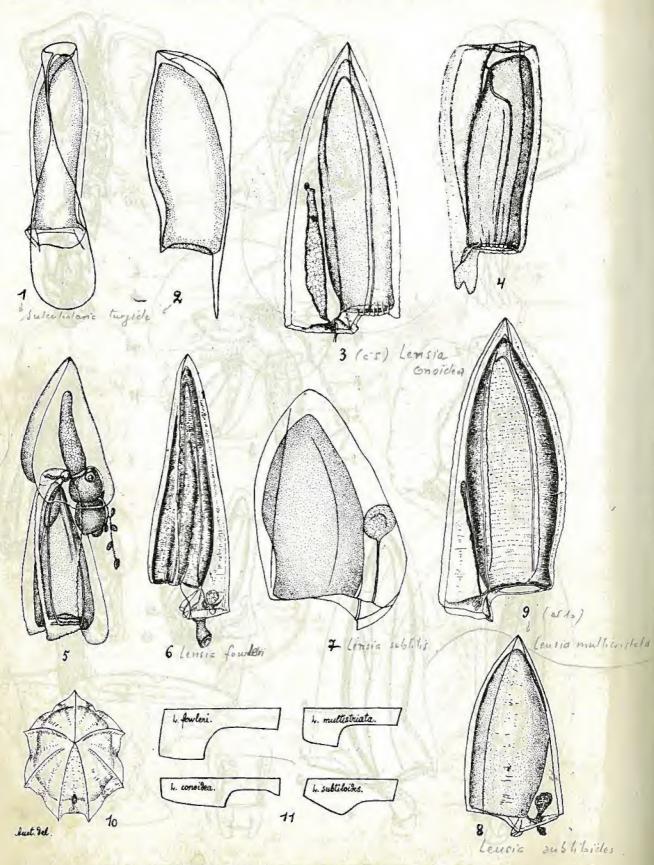




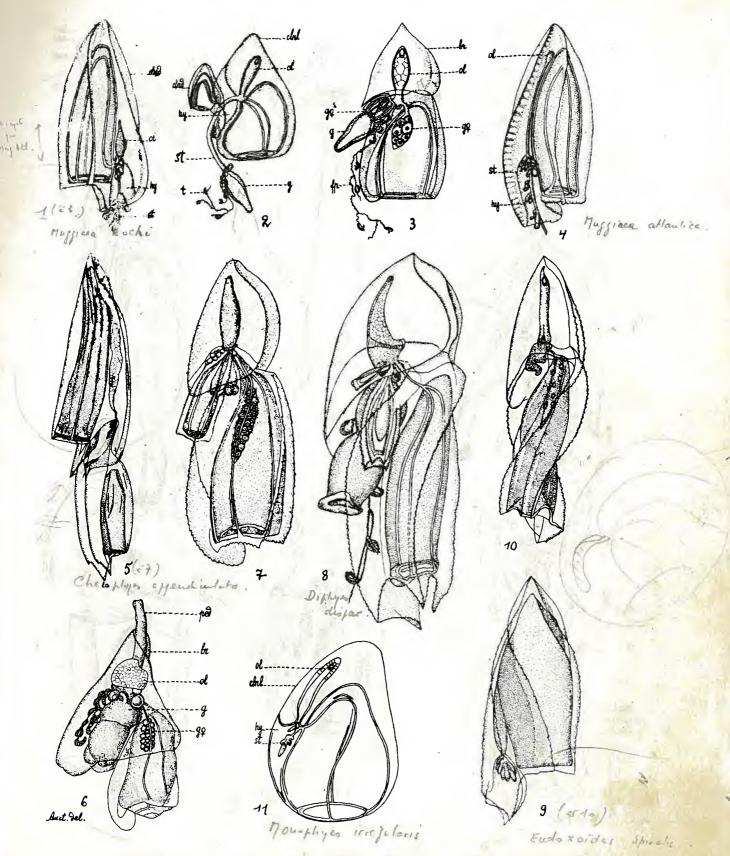
CHAPITRE XXV. Siphonophores Calycophores Polynectes Polyphyides.



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CHAPITRE XXV. Siphonophores Calycophores.



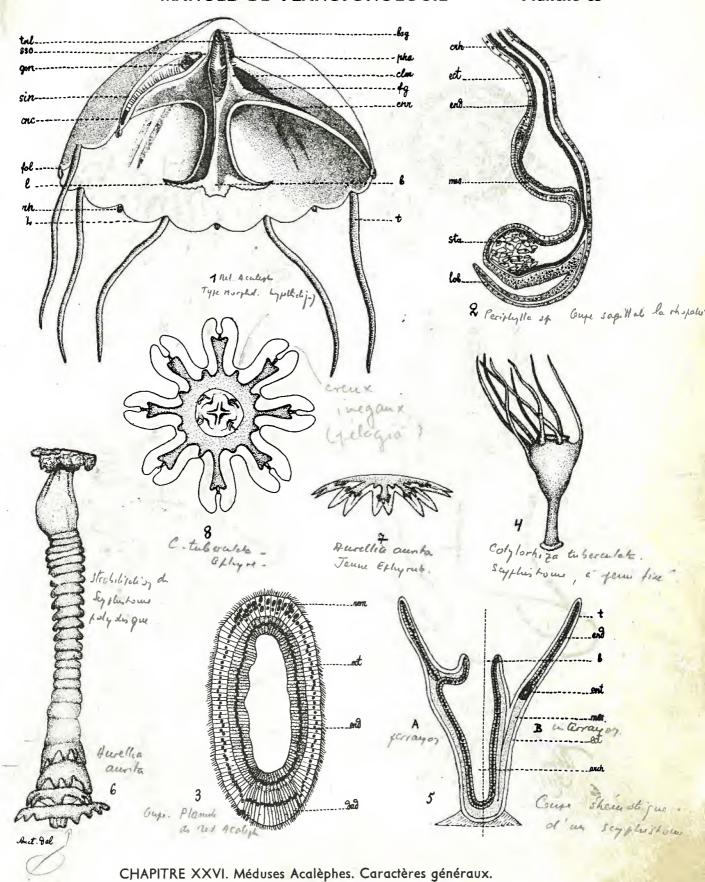
CHAPITRE XXV. Siphonophores Calycophores.

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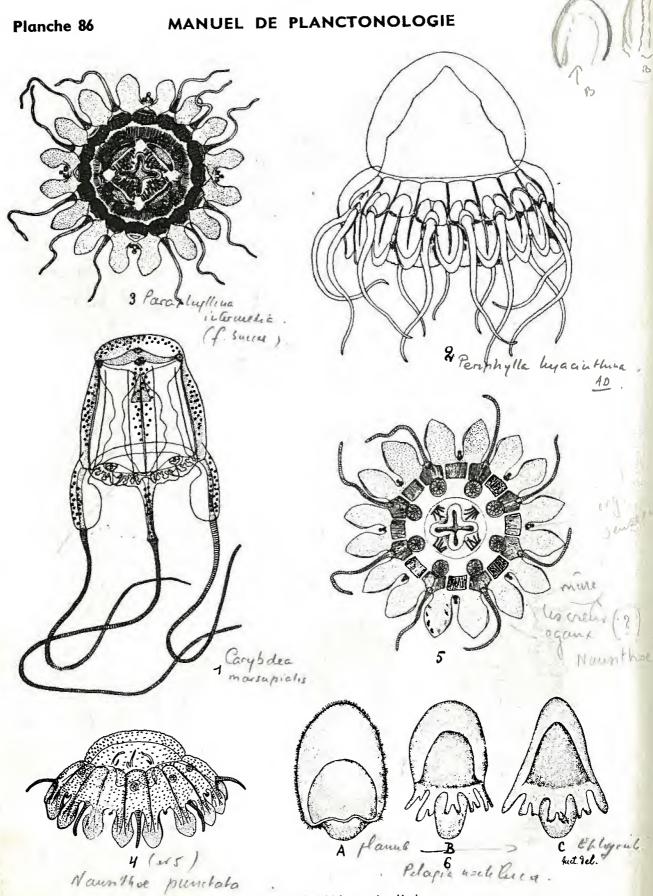


CHAPITRE XXV. Siphonophores Calycophores Abylopsines.

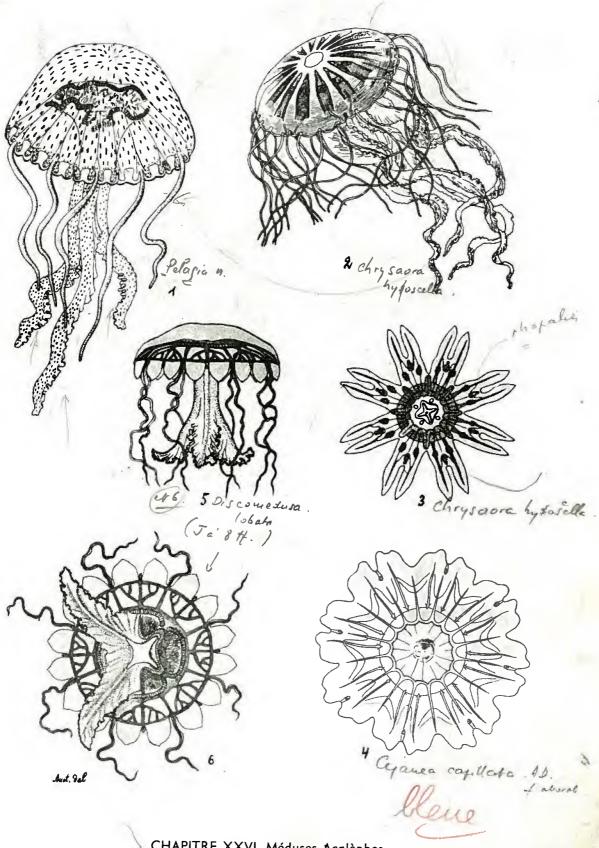




= Scyphomedures of Pelagia



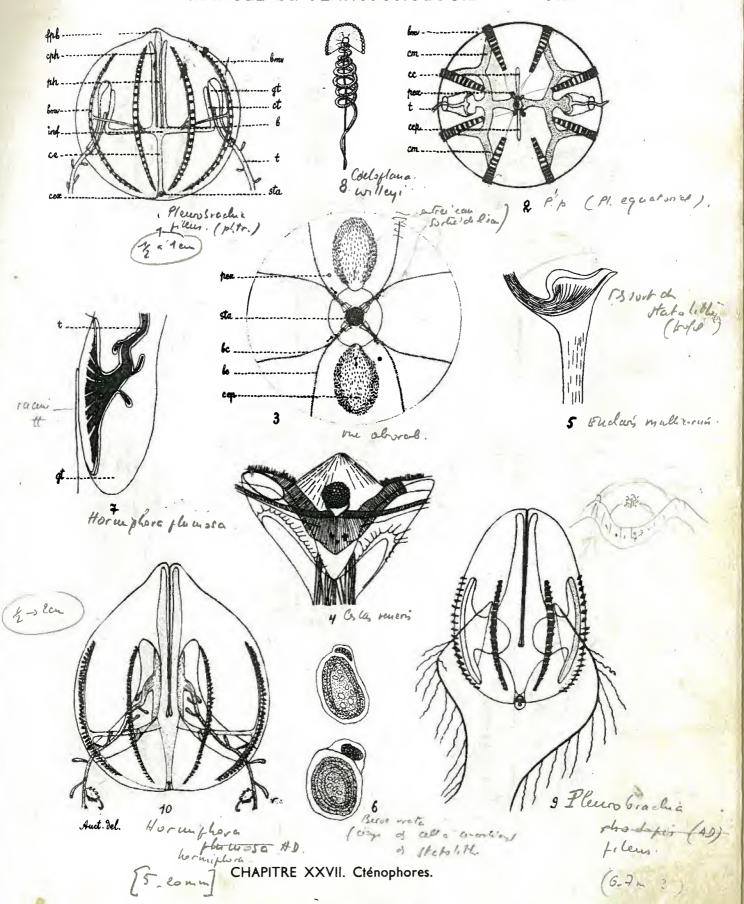
CHAPITRE XXVI. Méduses Acalèphes.

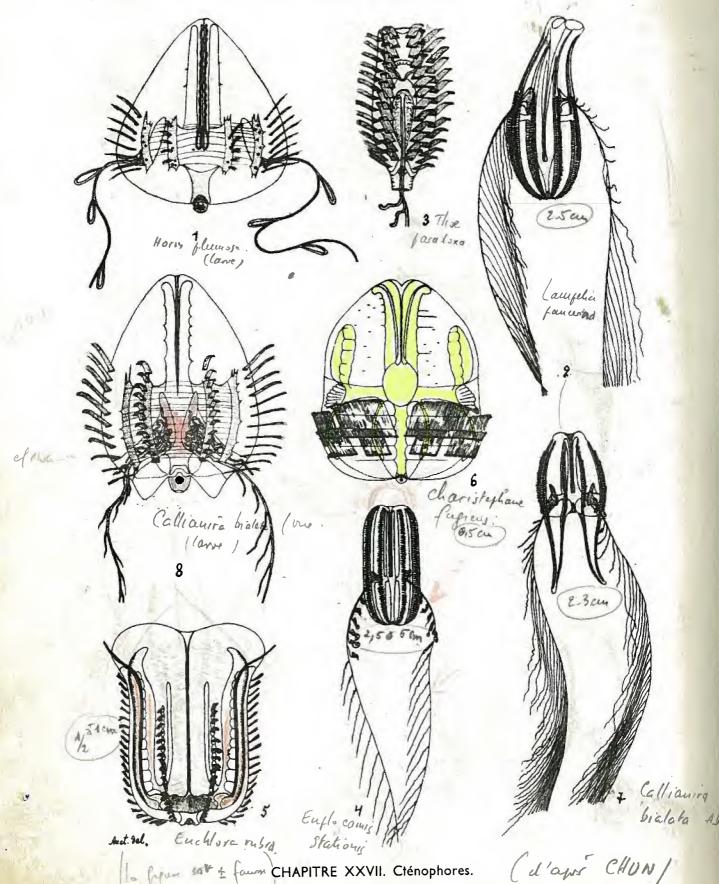


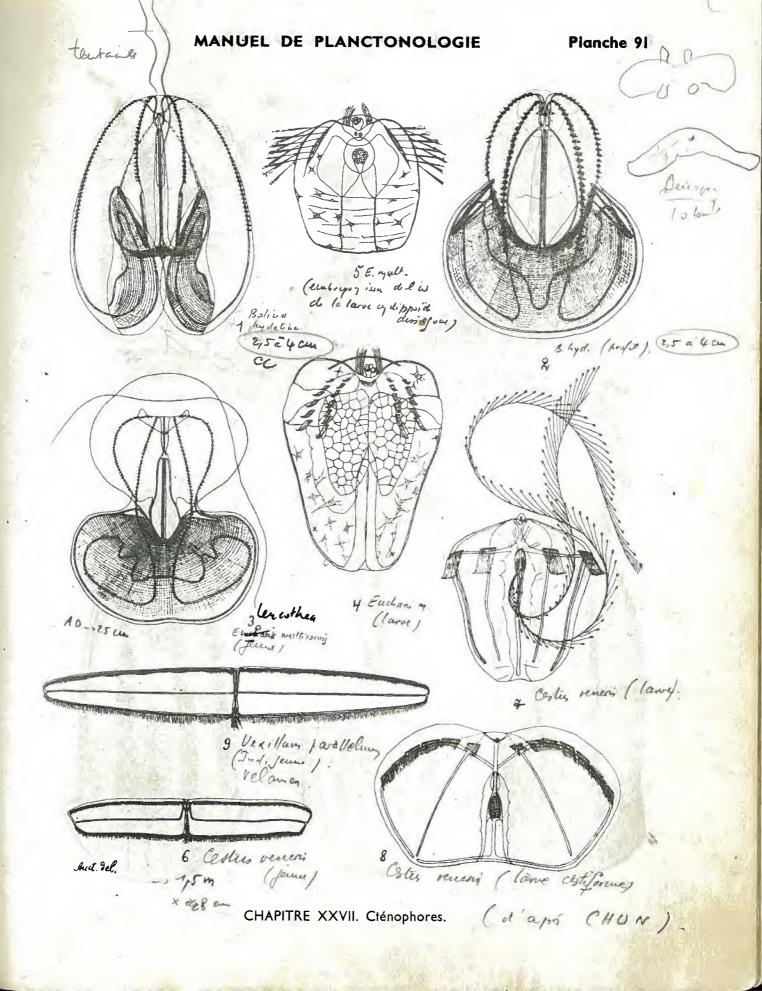
CHAPITRE XXVI. Méduses Acalèphes.

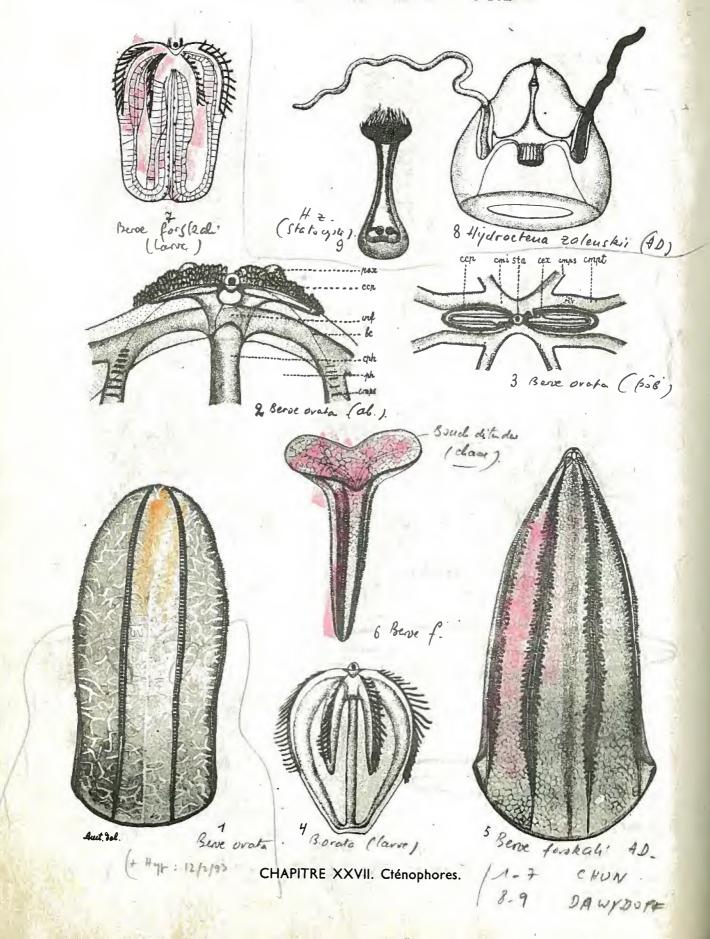


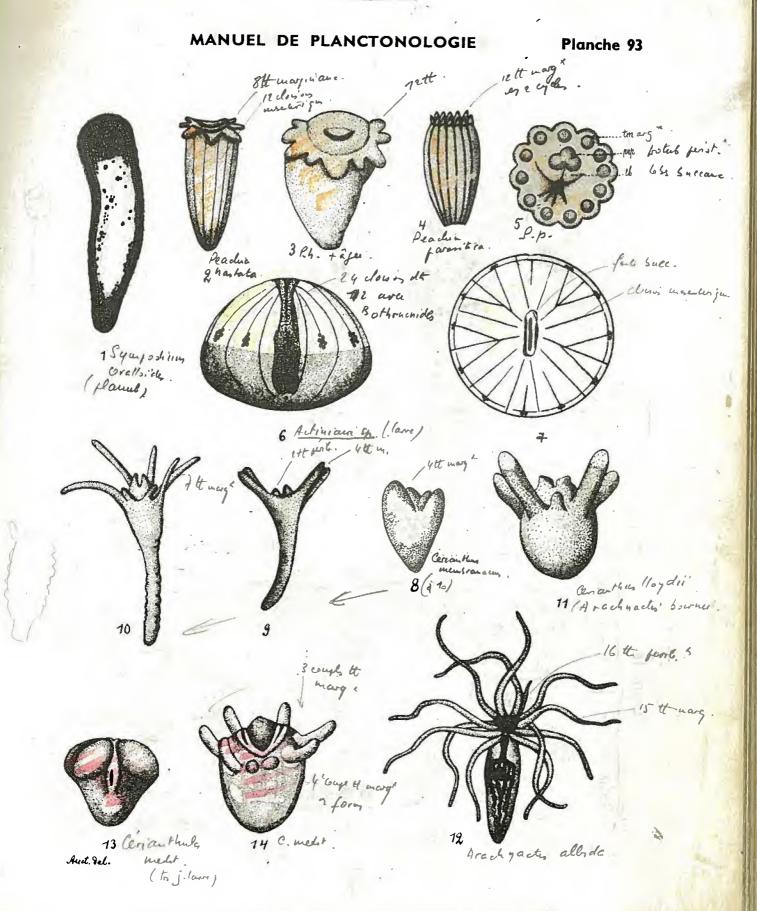
CHAPITRE XXVI. Méduses Acalèphes.



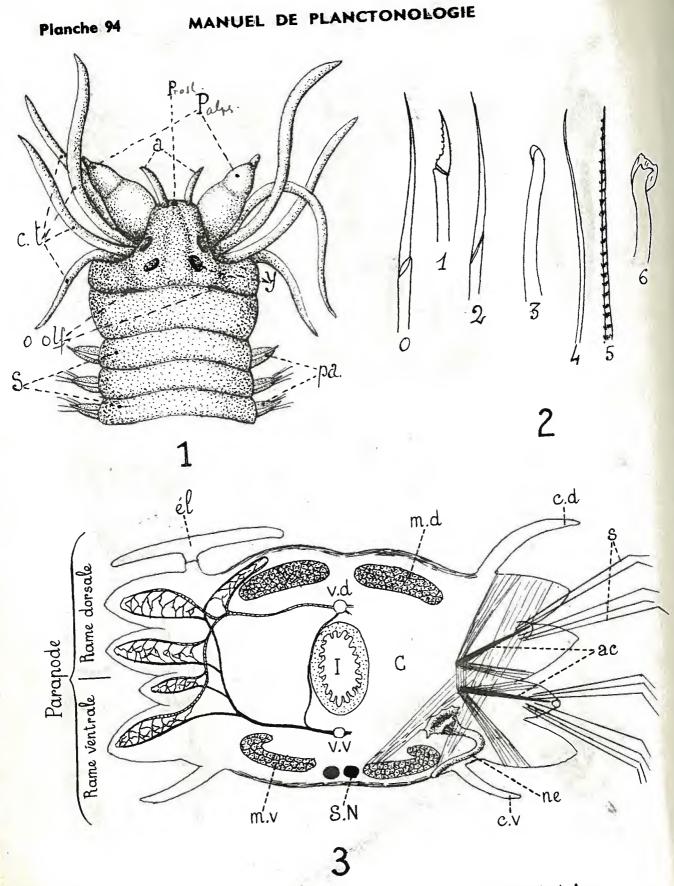




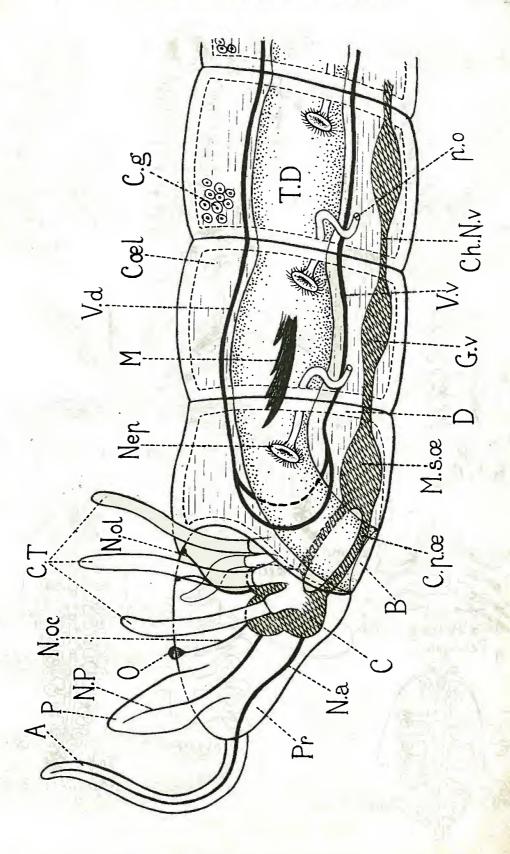




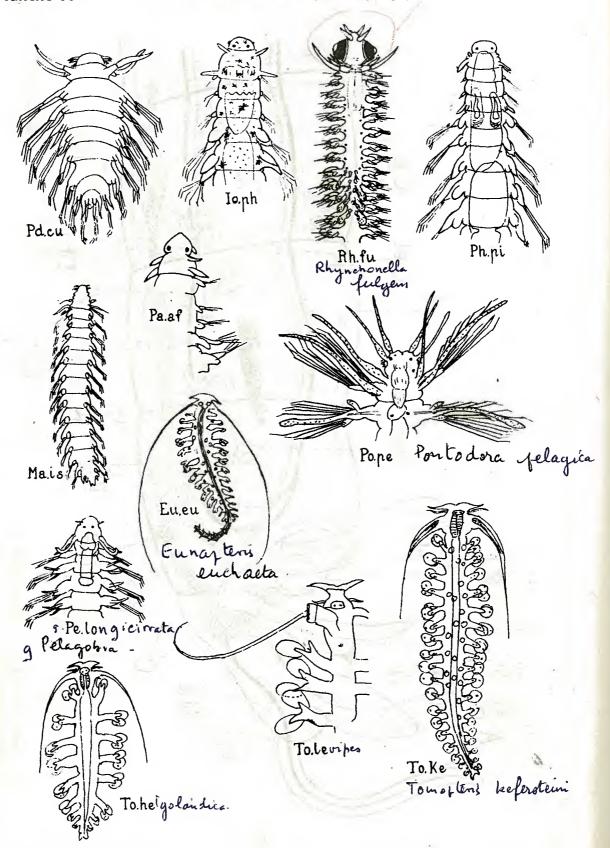
CHAPITRE XXVIII. Larves des Actiniaires et des Cérianthaires.

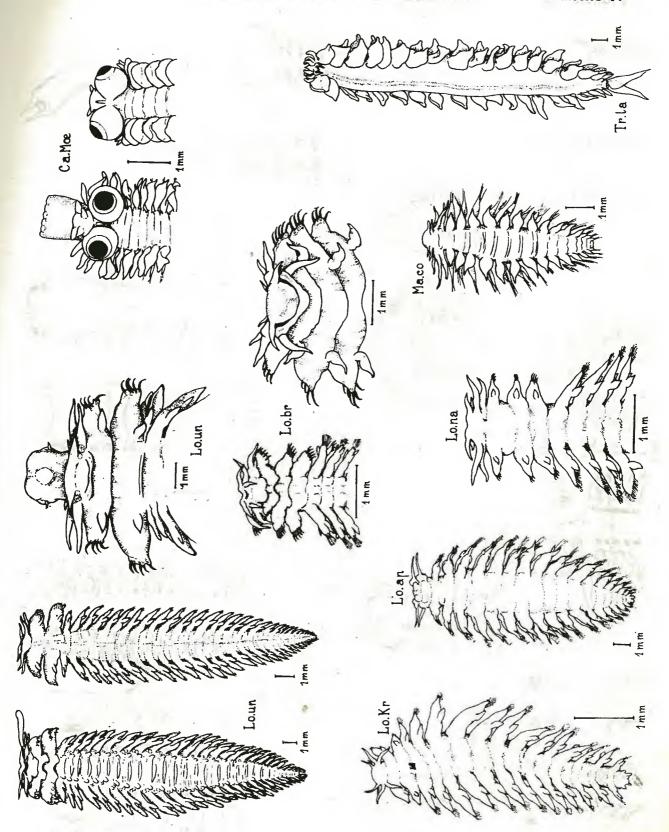


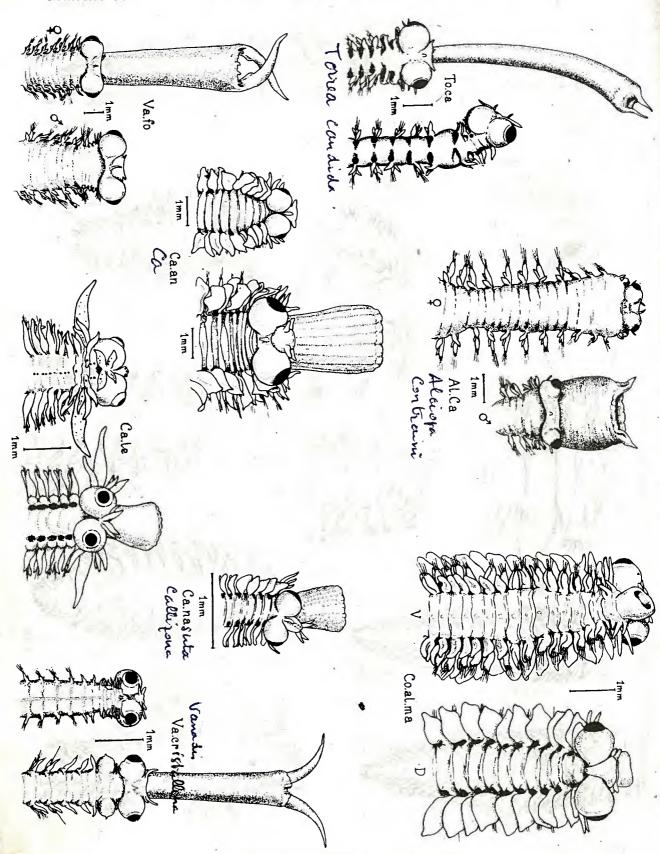
CHAPITRE XXIX. Polychètes. 1 : Tête; 2 : Soies; 3 : Coupe tranversale du corps.



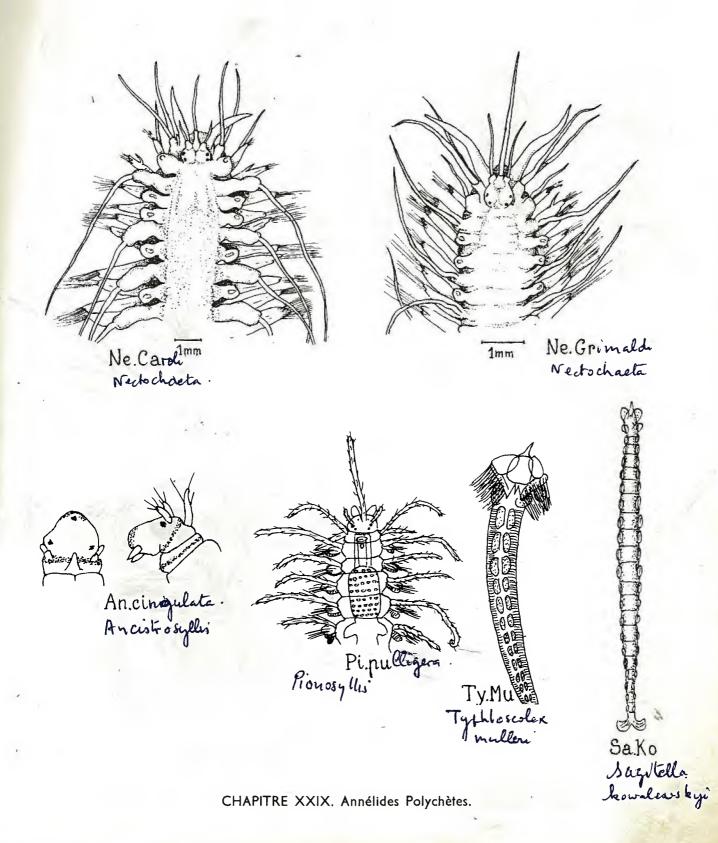
CHAPITRE XXIX. Polychètes. Région antérieure de profil.



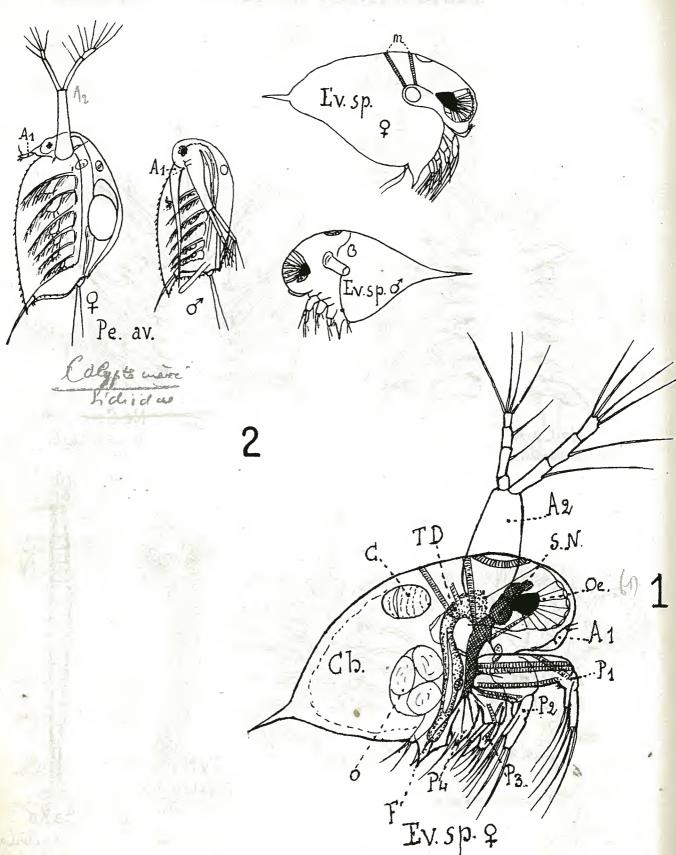




CHAPITRE XXIX. Annélides Polychètes.



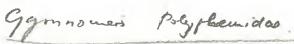
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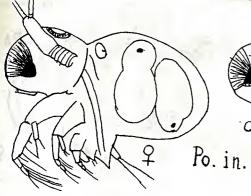
CHAPITRE XXX. Cladocères. 1 : Organisation générale; 2 : Penilia, Evadne.

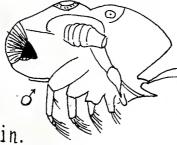
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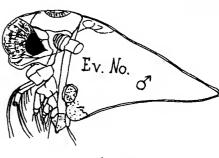
Planche 101

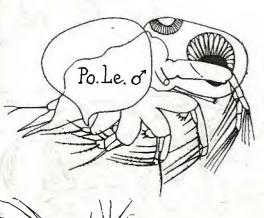


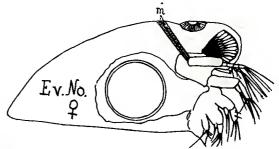


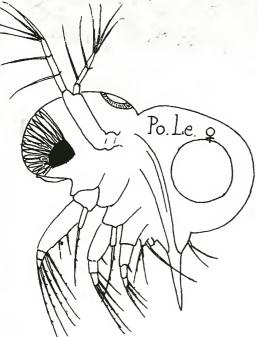


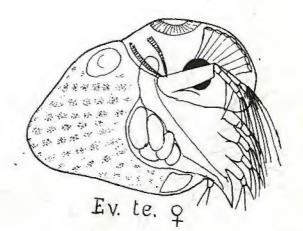


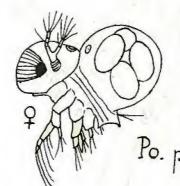


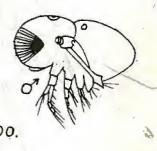






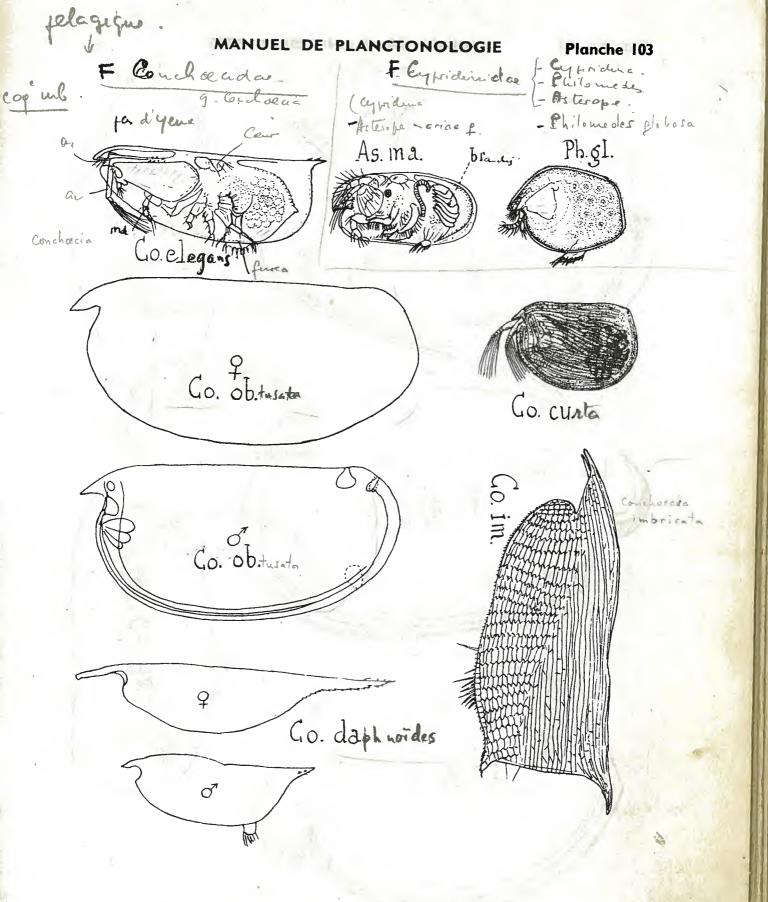


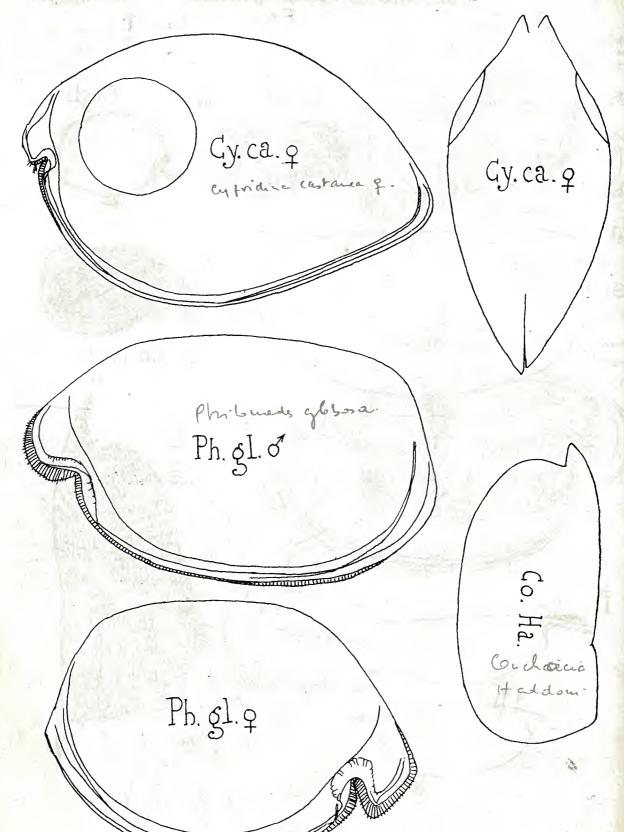




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CHAPITRE XXX. Ostracodes. Organisation générale (Cypridina).



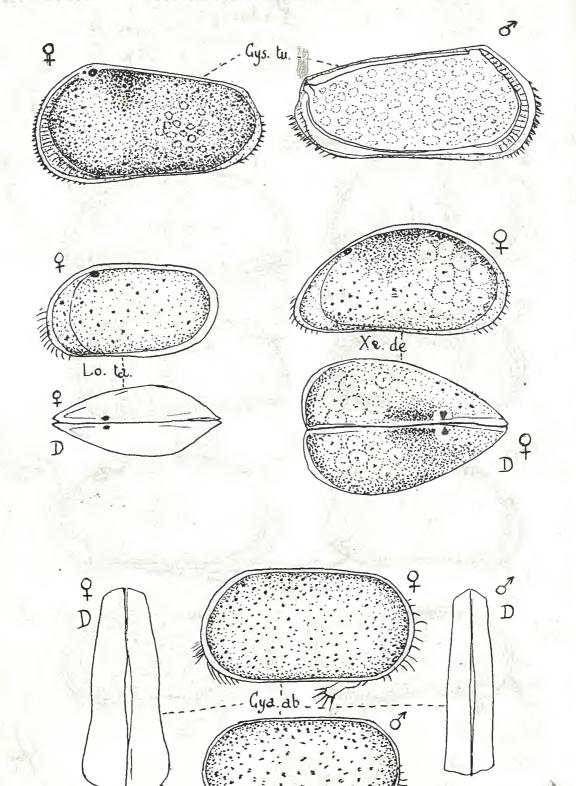


CHAPITRE XXX. Ostracodes. Myodolopa

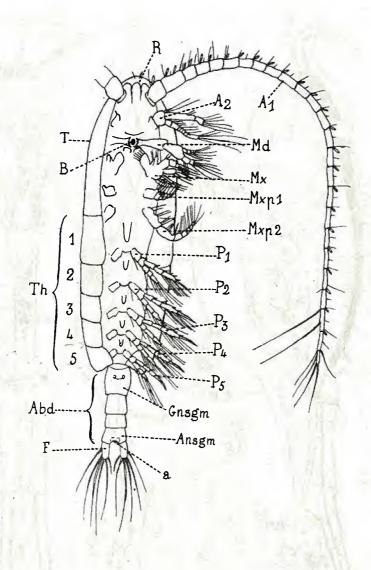
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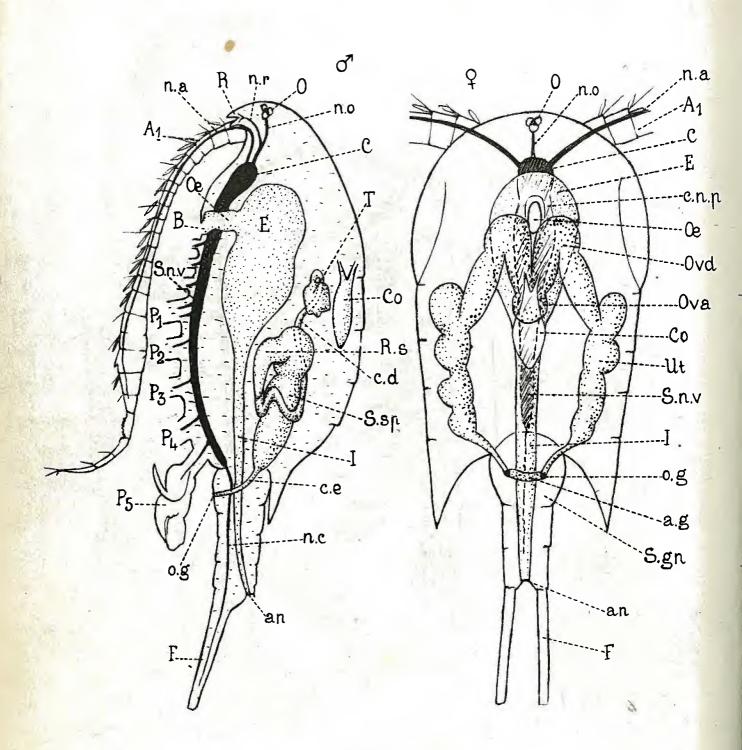
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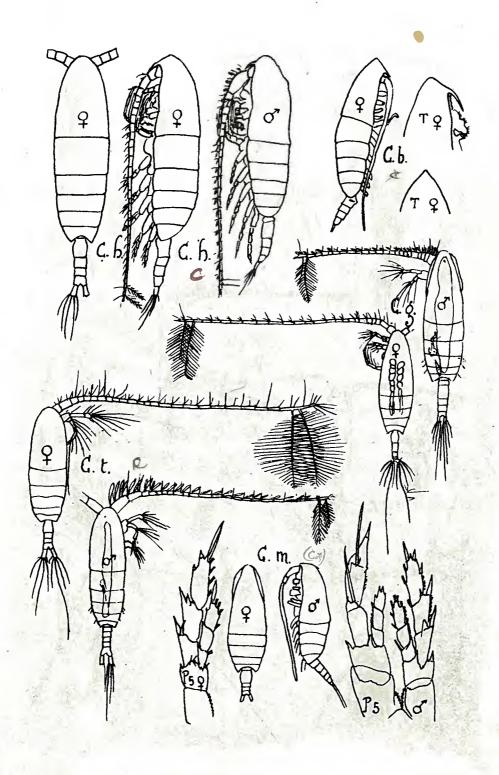
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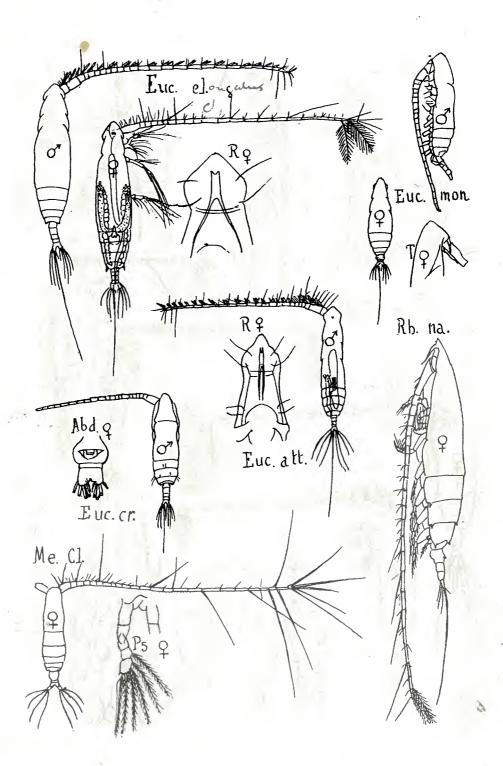
CHAPITRE XXX. Ostracodes. Podocopa (F. cytheredia)

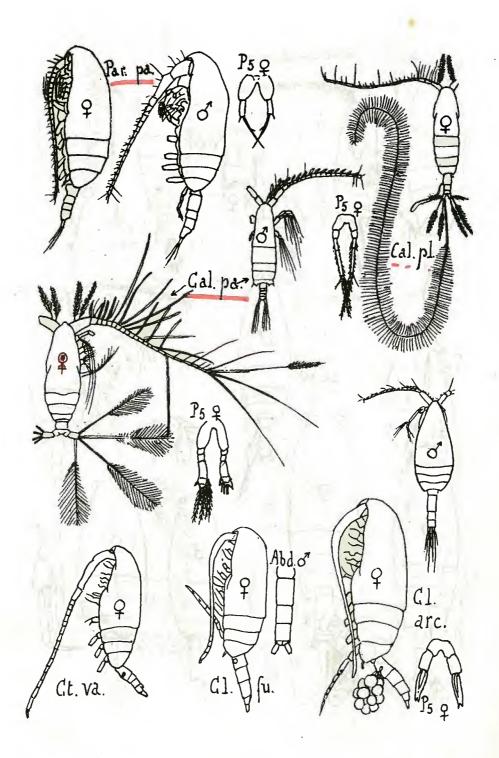




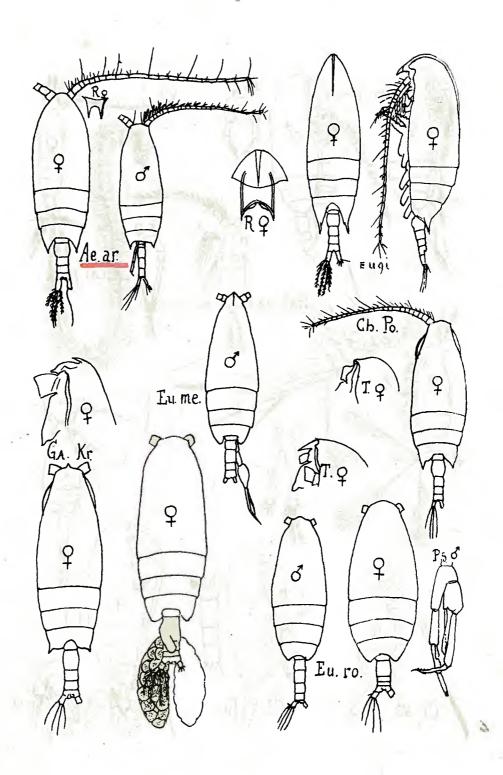


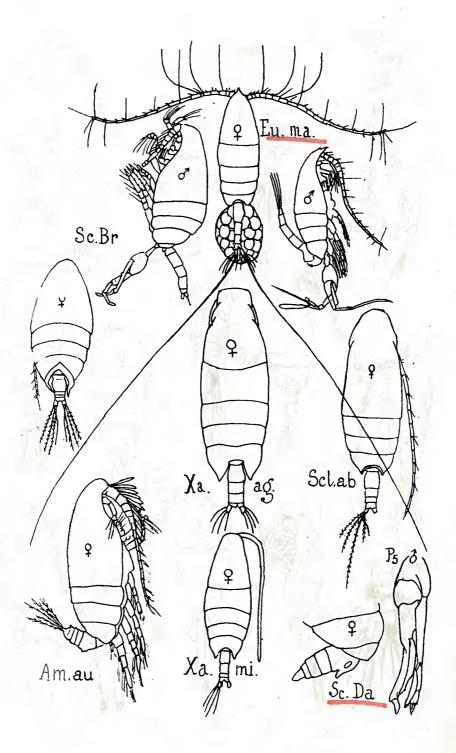
CHAPITRE XXX. Copépodes : Calanidés.



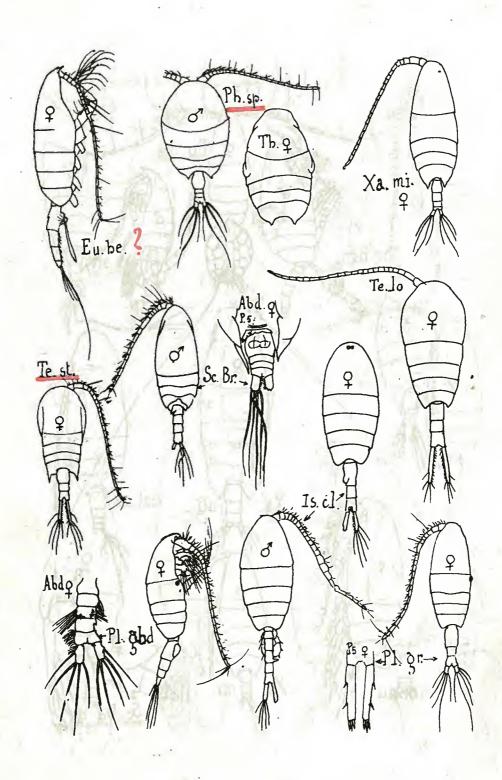


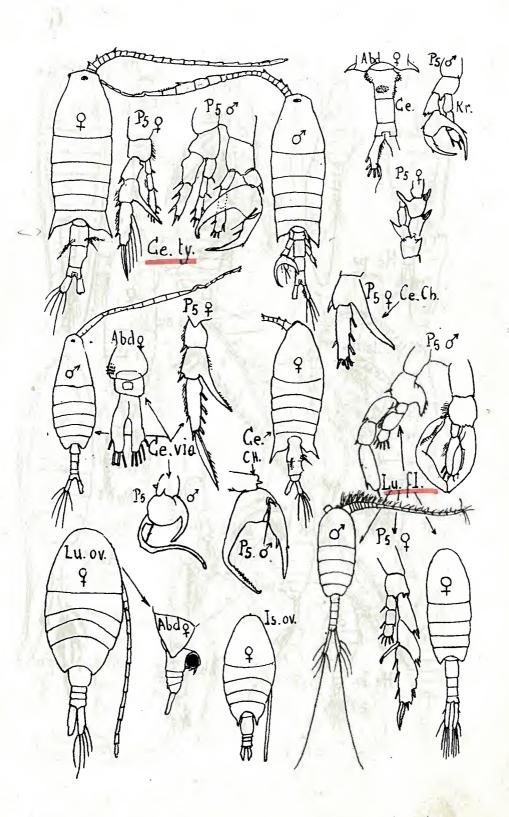
CHAPITRE XXX. Copépodes : Paracalanidés, Pseudocalanidés.



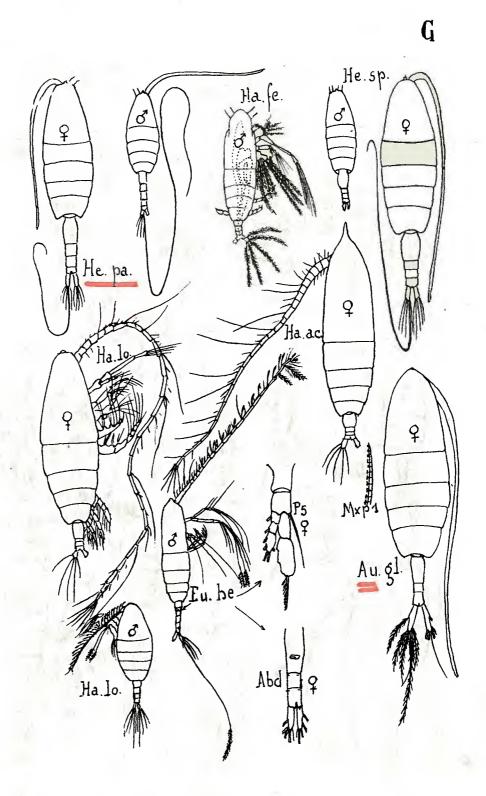


CHAPITRE XXX. Copépodes : Euchaetidés, Scolécithricidés.

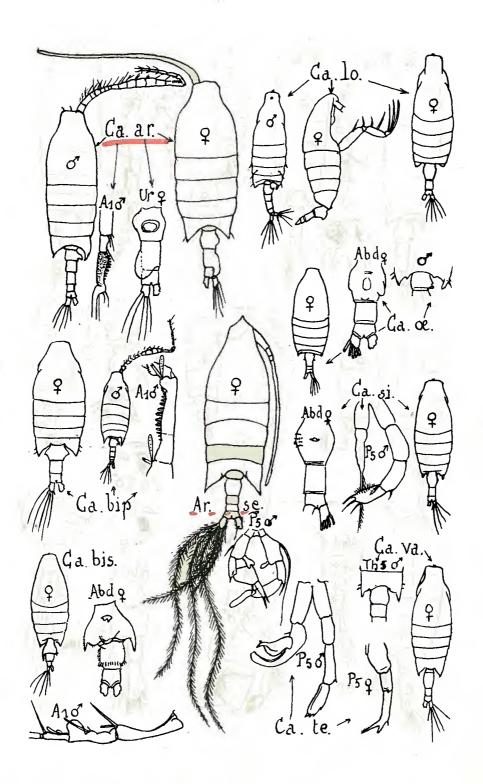




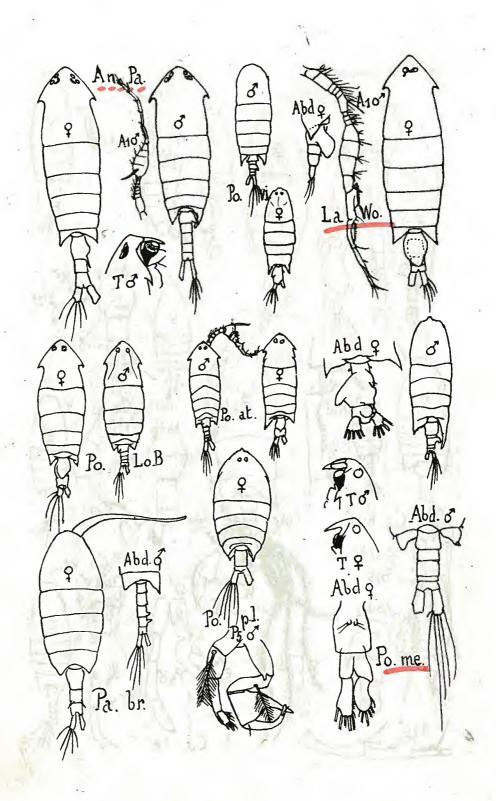
CHAPITRE XXX. Copépodes Centropagidés, Lucicutiidés.



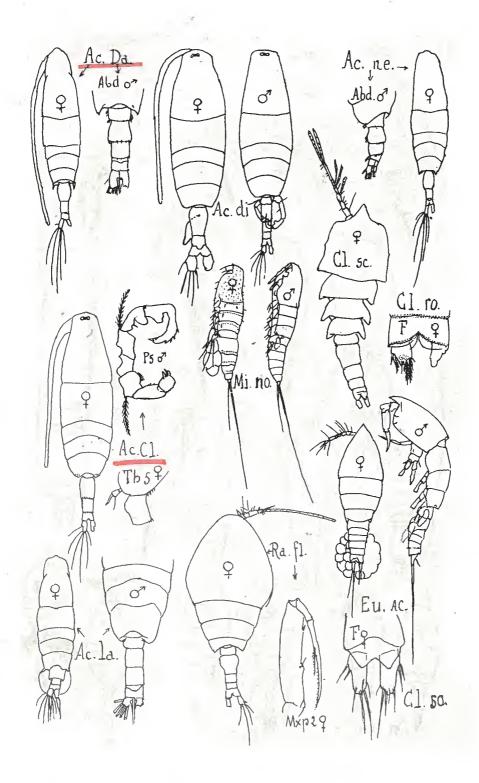
CHAPITRE XXX. Copépodes : Hetérorhabdidés, Augaptilidés.



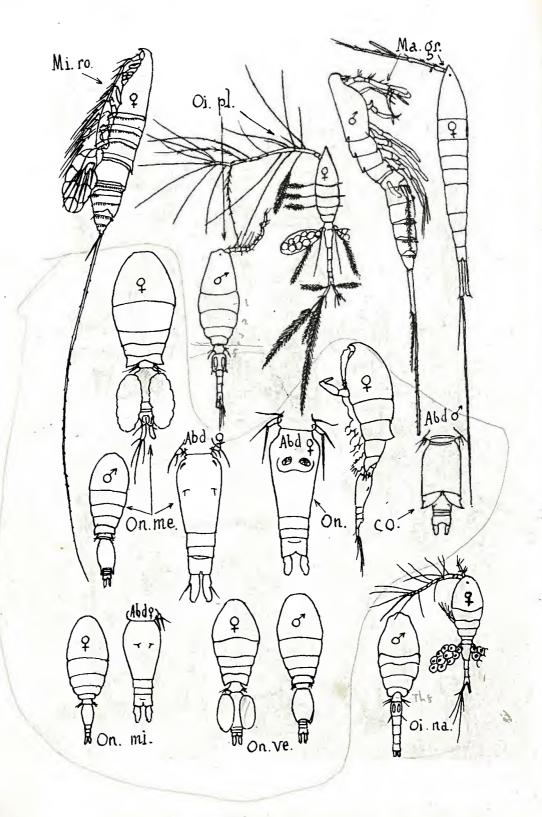
CHAPITRE XXX. Copépodes : Ariétellidés, Candacidés.



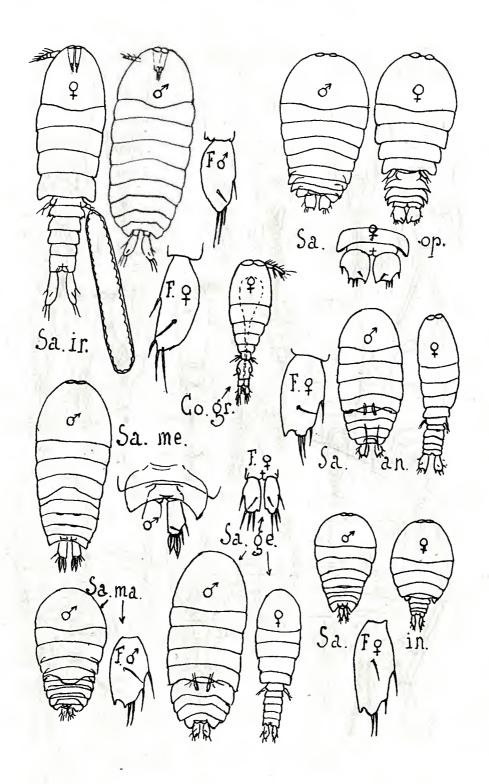
CHAPITRE XXX. Copépodes : Pontellidés.

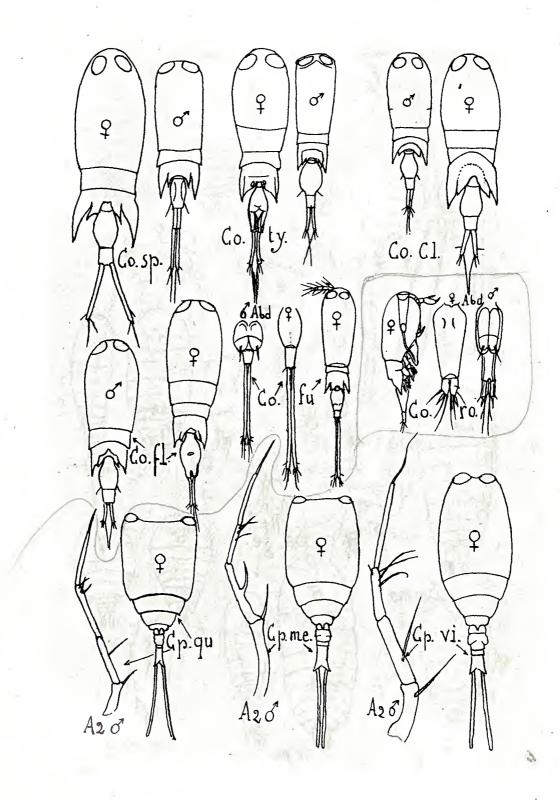


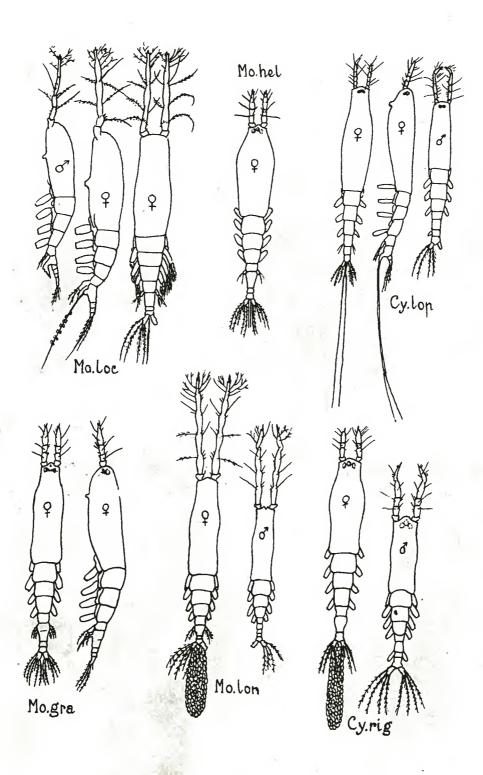
CHAPITRE XXX. Copépodes : Acartiidés, Podoplea.



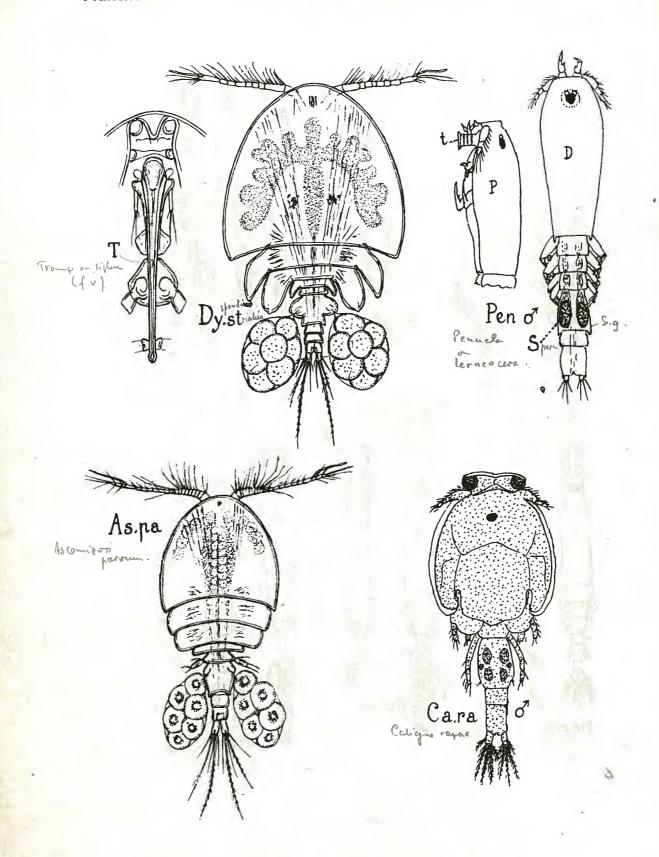
CHAPITRE XXX. Copépodes : Sétellidés, Oithonidés, Oncaeidés.

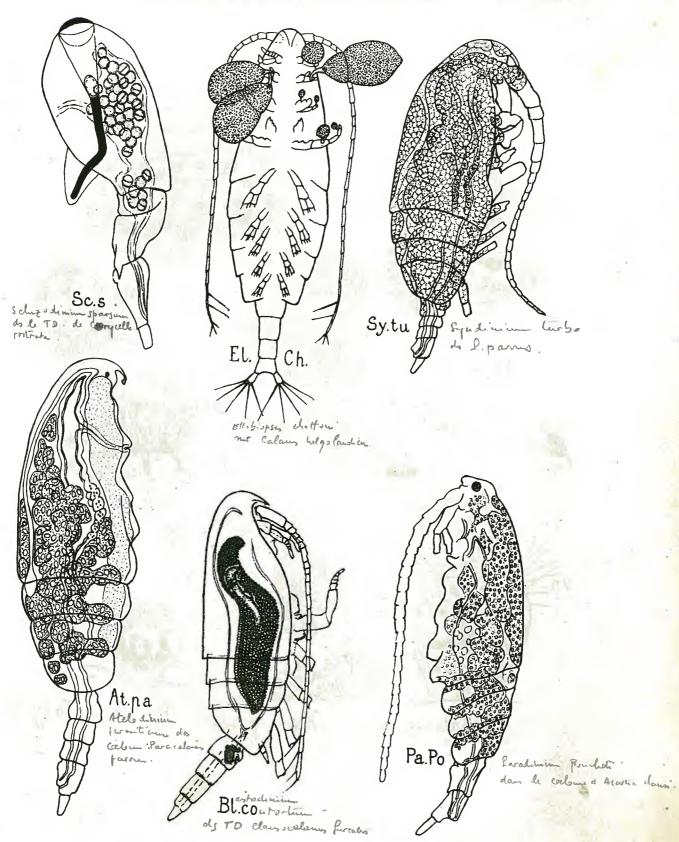




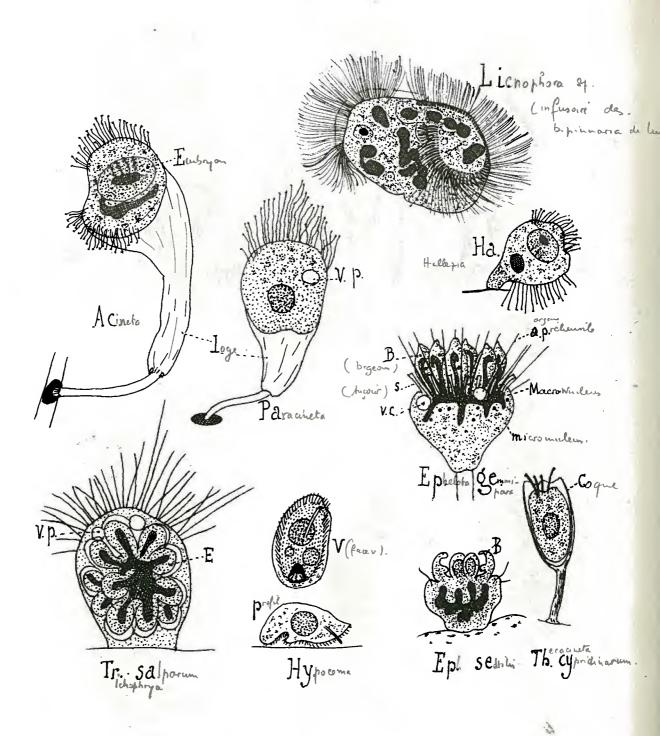


CHAPITRE XXX. Copépodes : Monstrillidés.

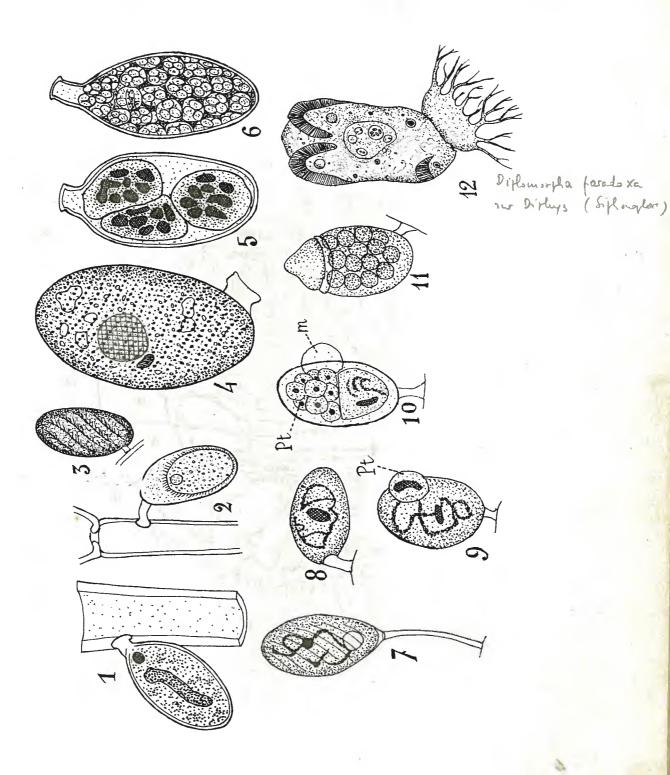


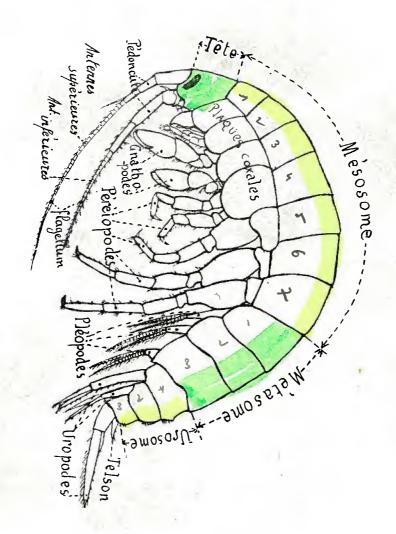


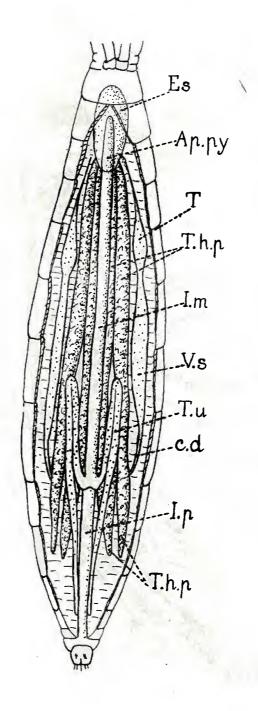
CHAPITRE XXX. Parasites des Copépodes.



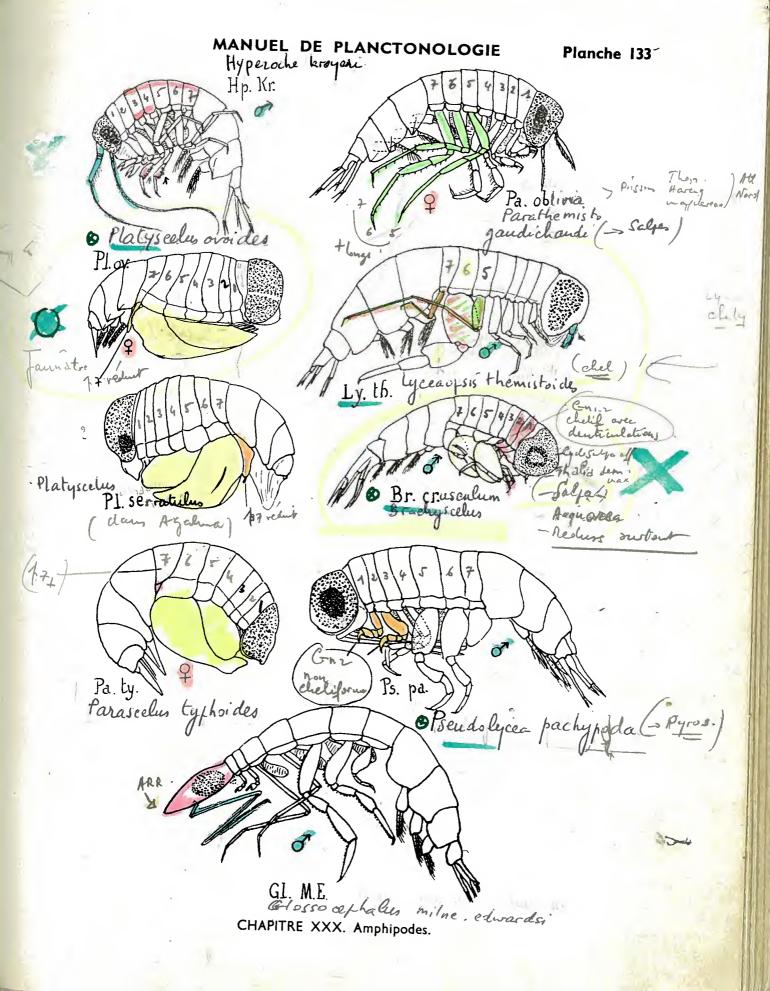
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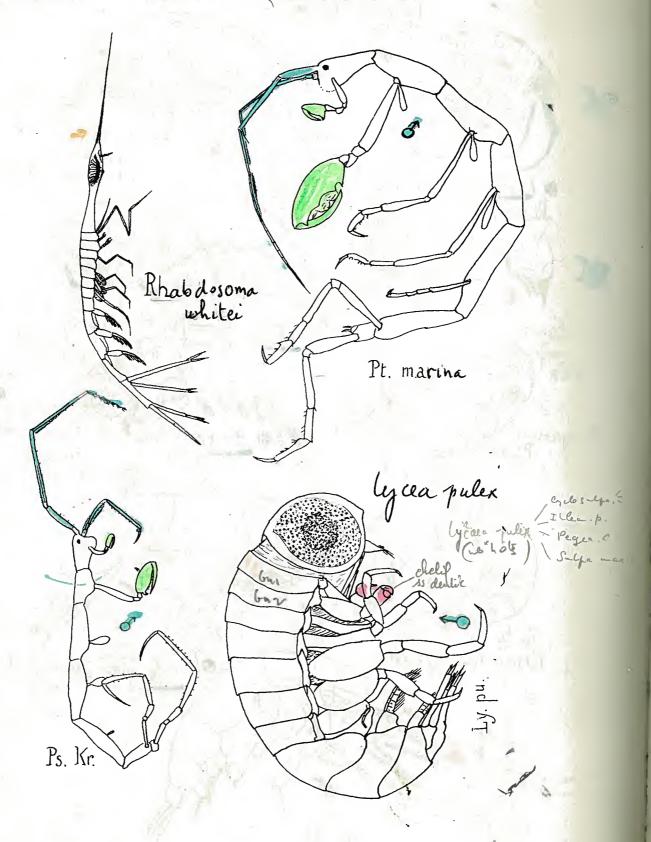




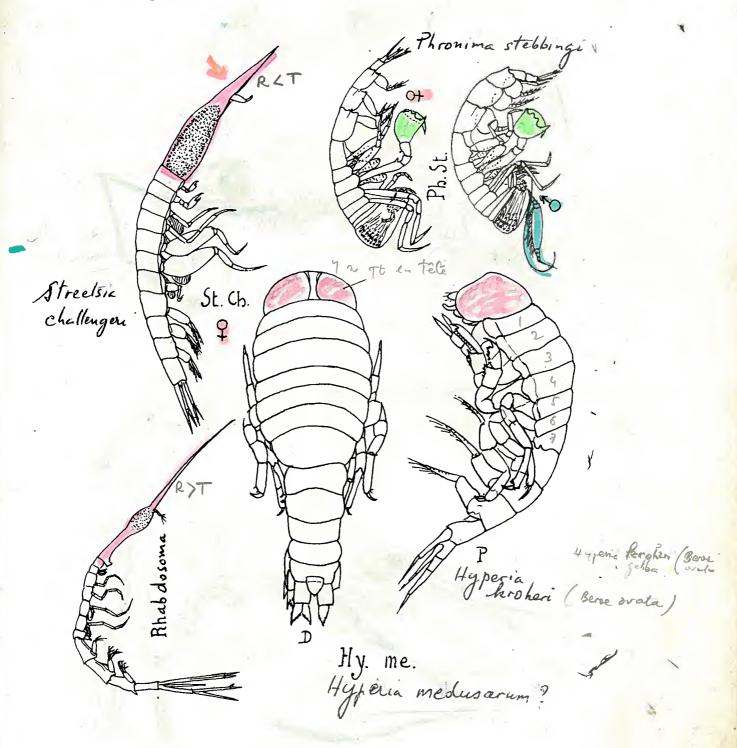


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Oxycephalus picalon (sups).



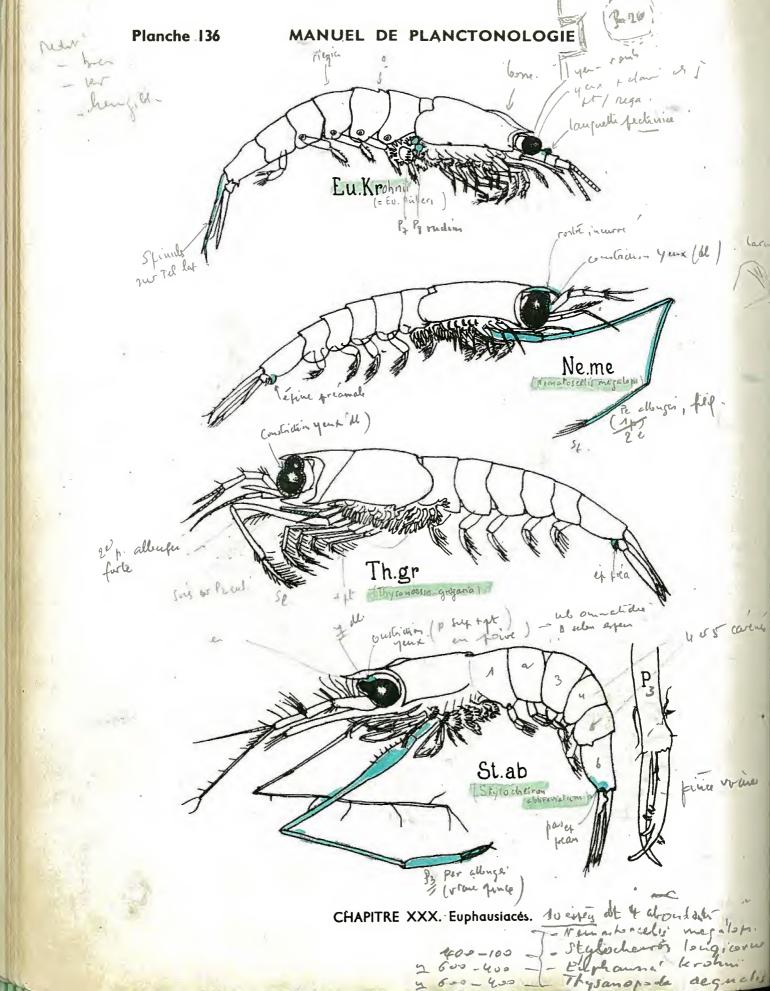
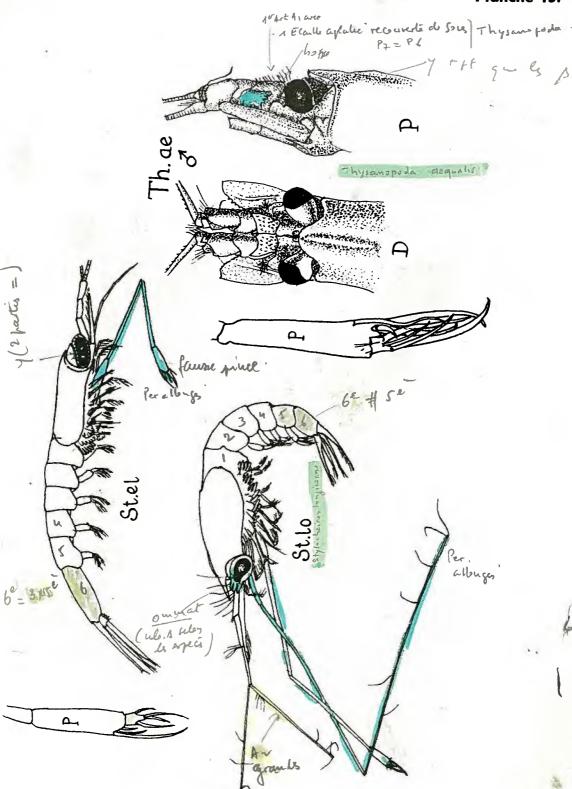


Planche 137



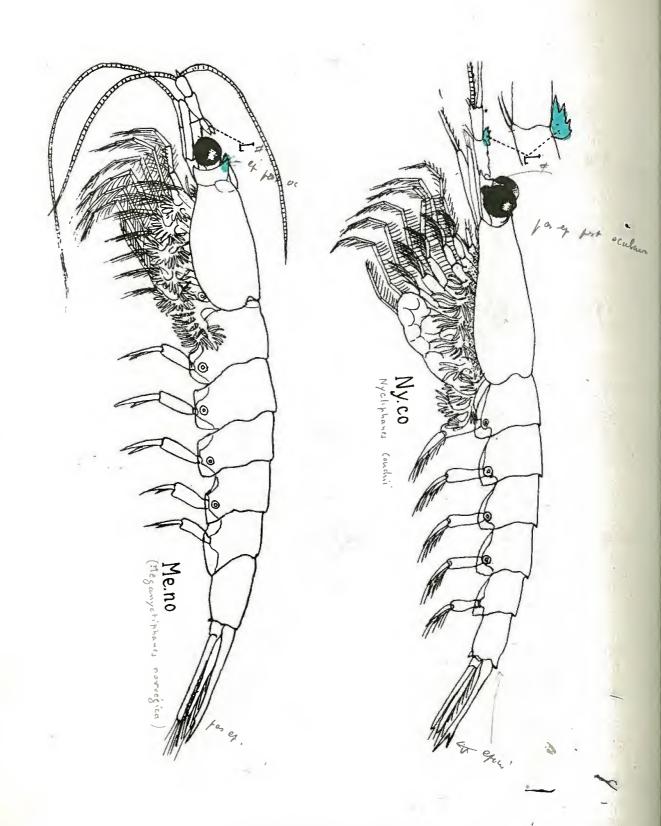
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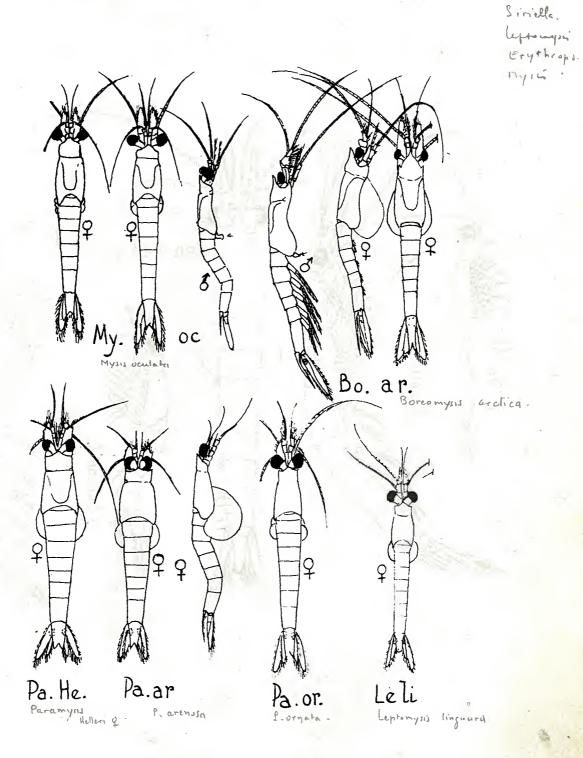
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Mysandessa gregaria.

CHAPITRE XXX. Euphausiacés.



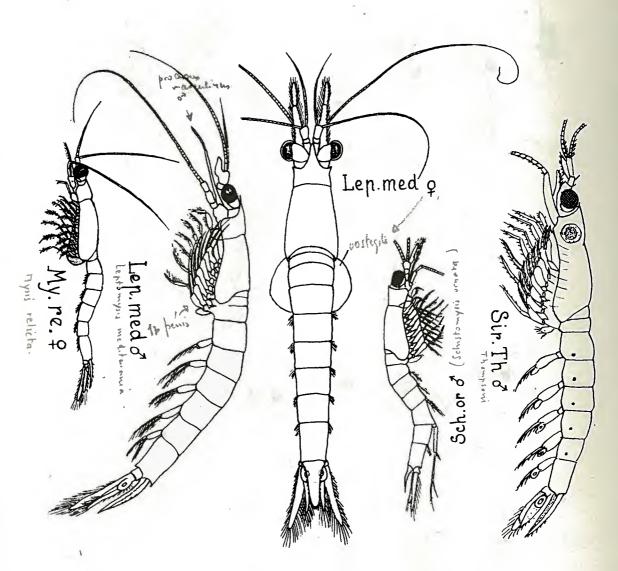
CHAPITRE XXX. Euphausiacés.



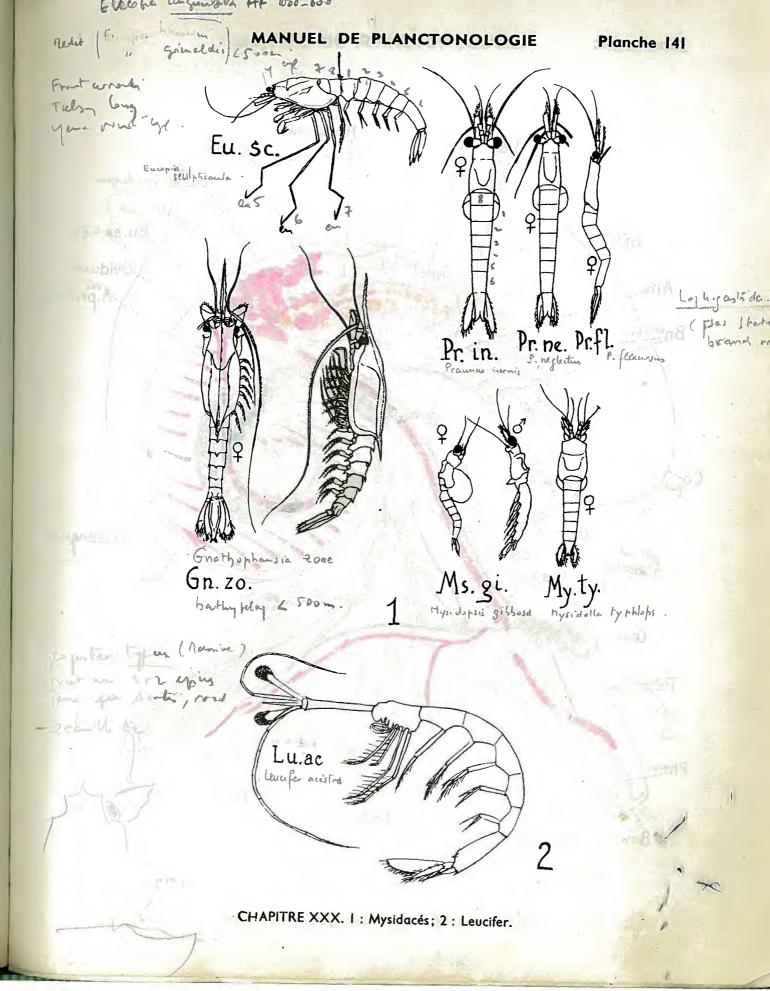
Mysian (state)

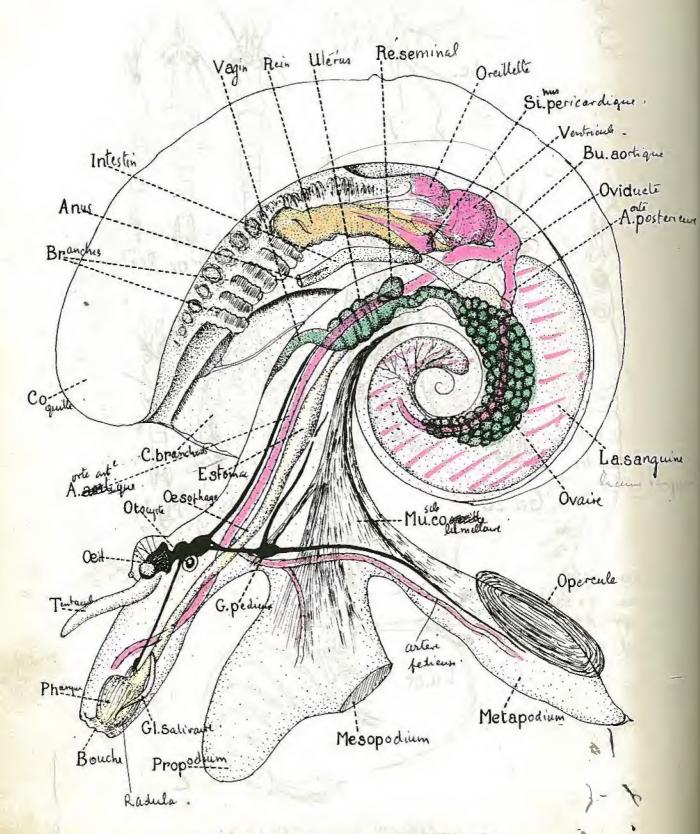
CHAPITRE XXX. Mysidacés.

of Fides id Zes (n. 1867)

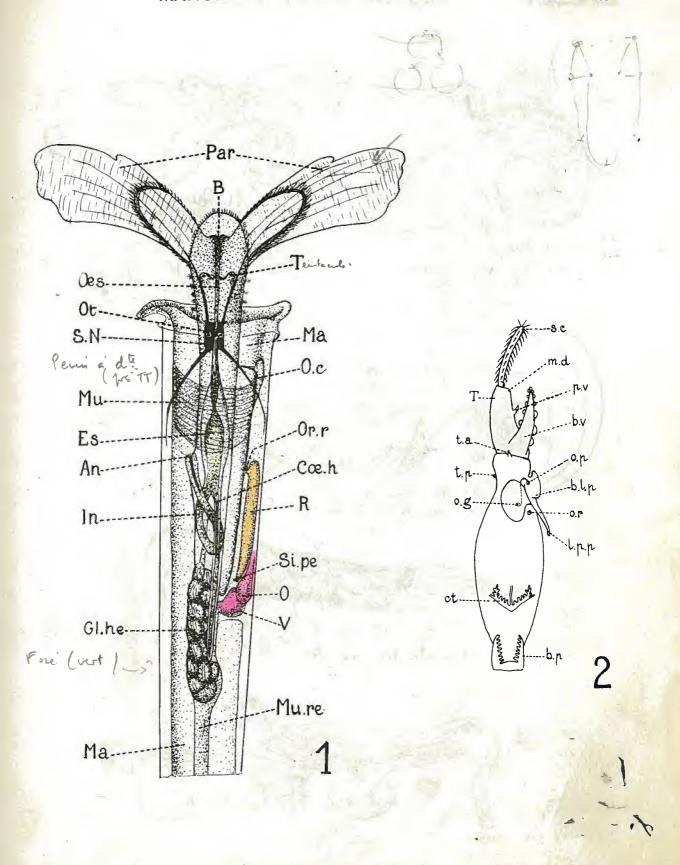


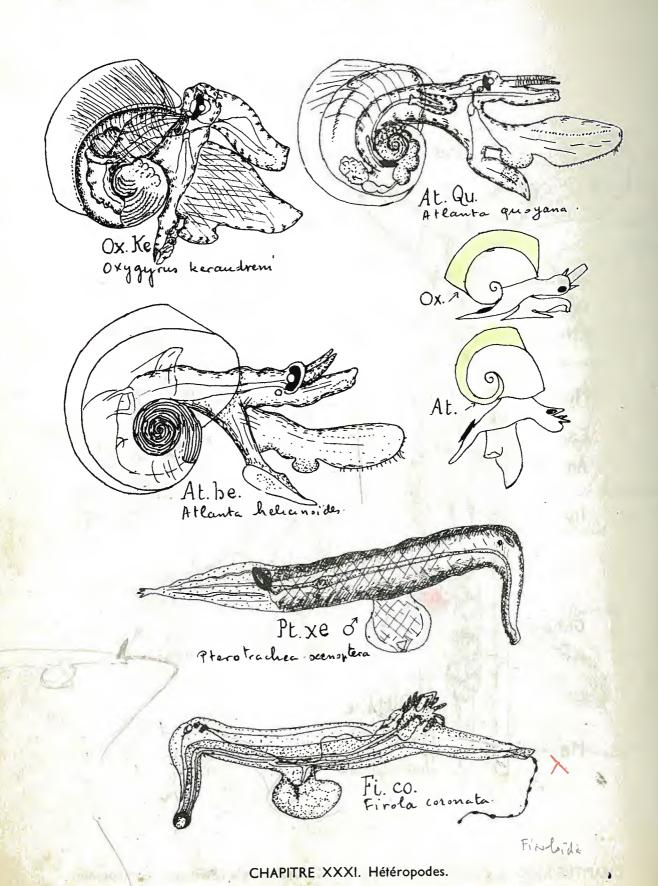
Mysida (staboquetive

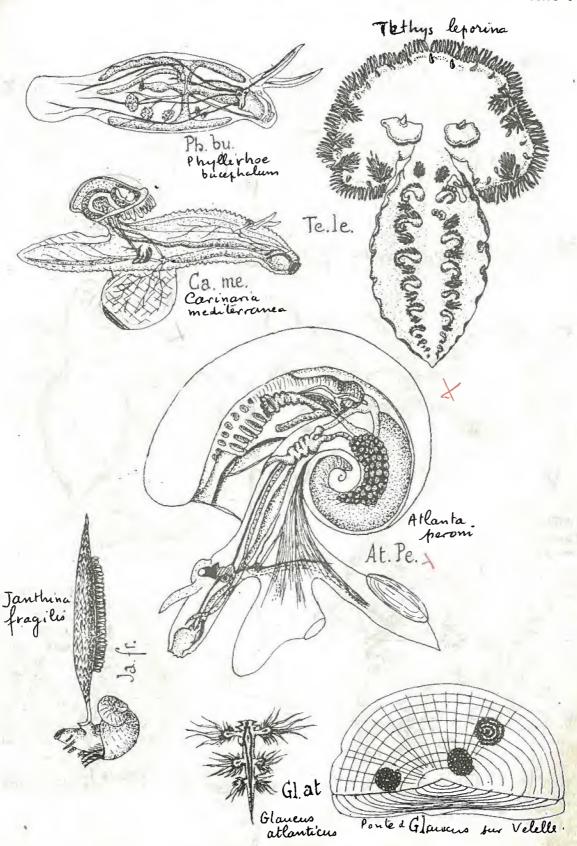




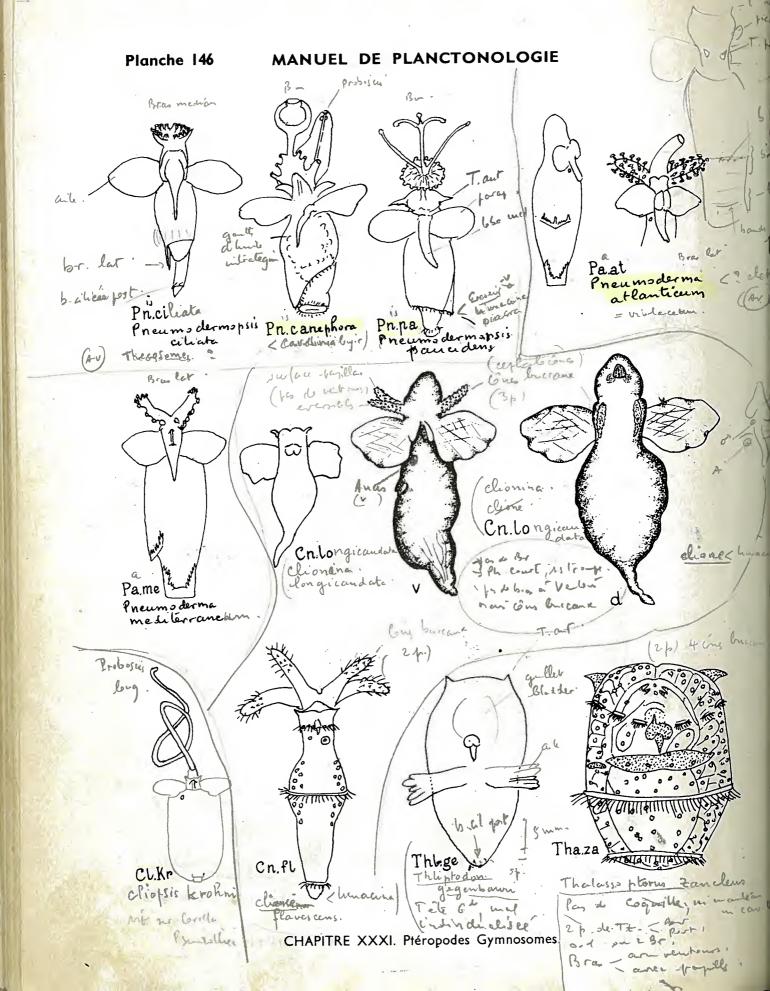
CHAPITRE XXXI. Organisation générale d'Atlanta.

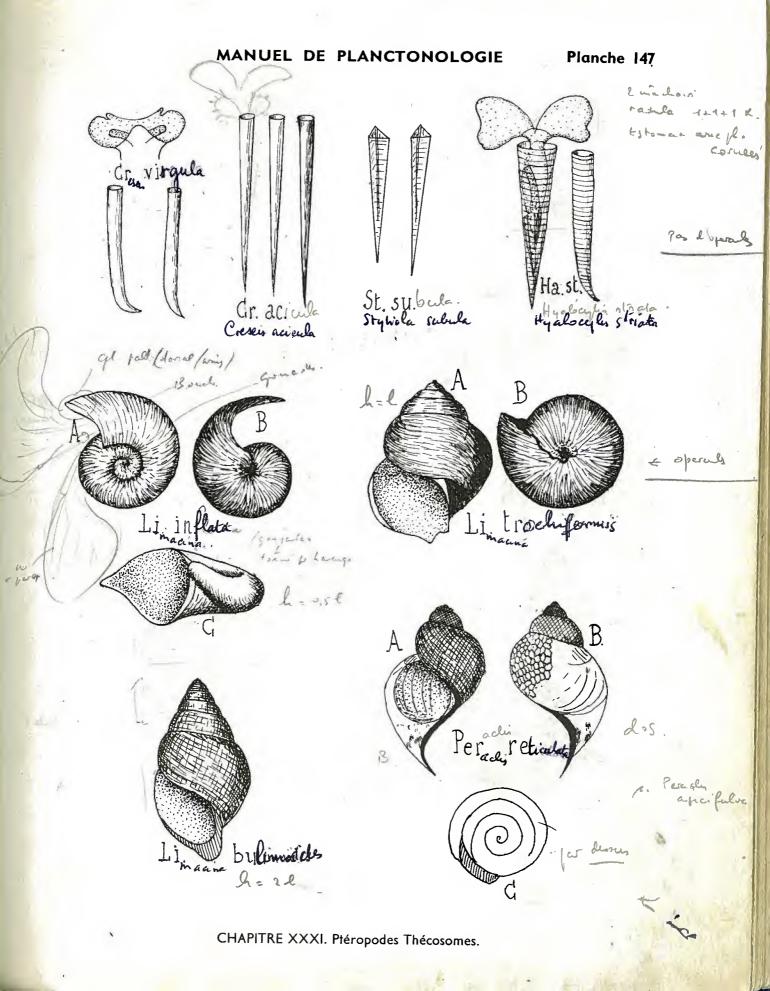


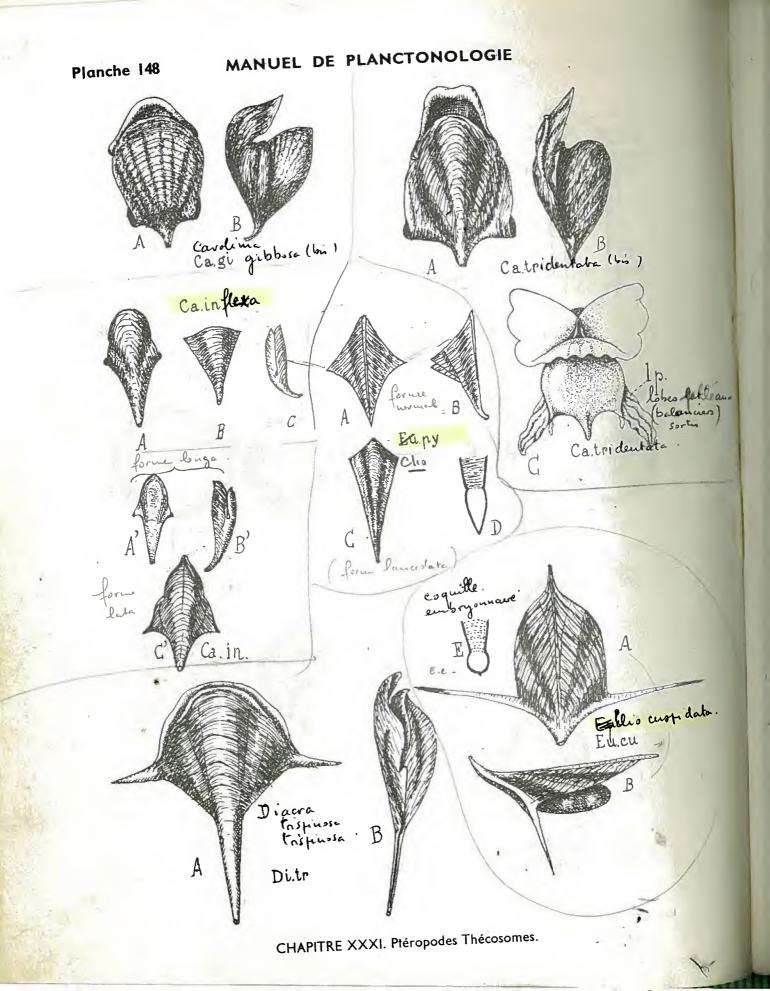


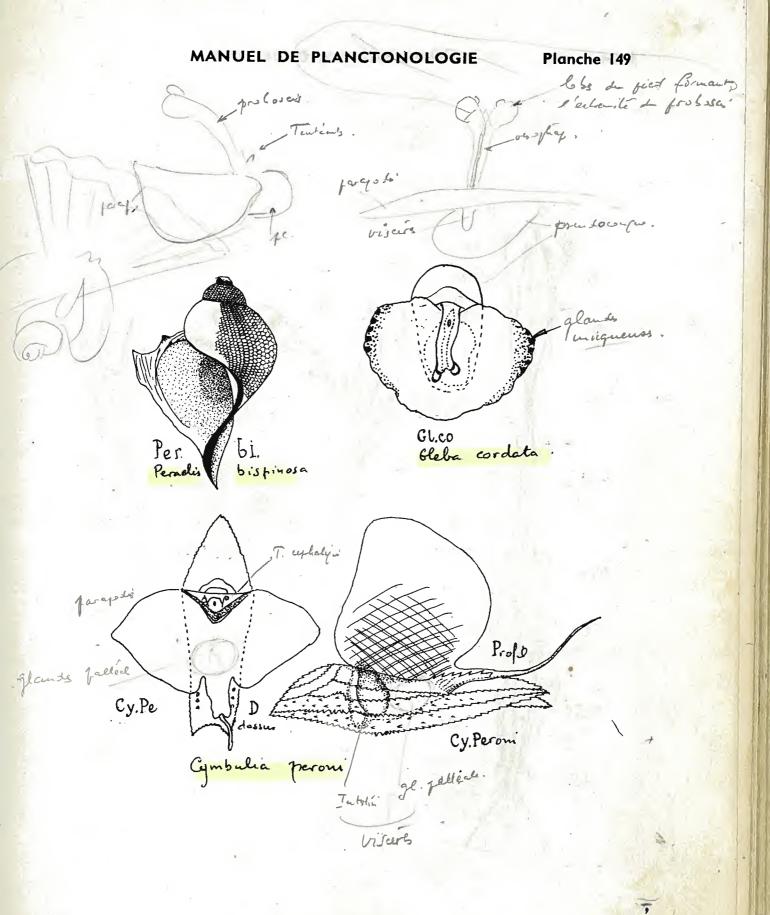


CHAPITRE XXXI. Hétéropodes. Prosobranches. Opisthobranches.

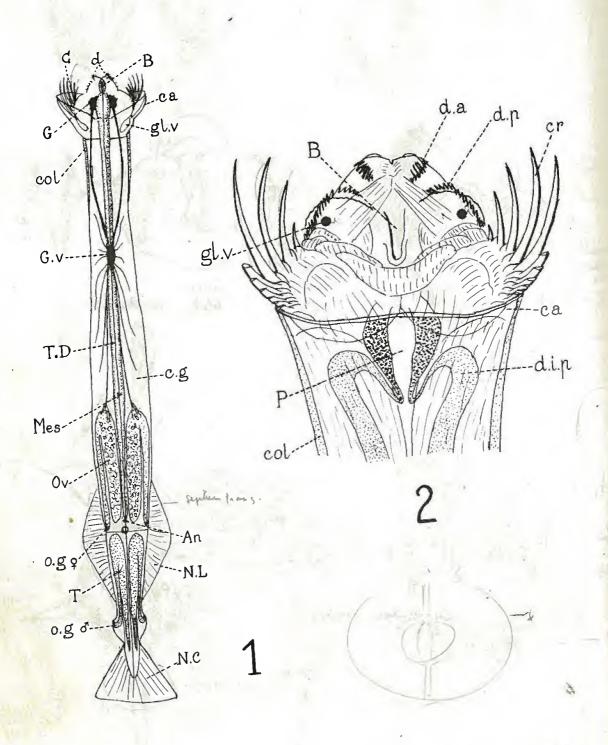


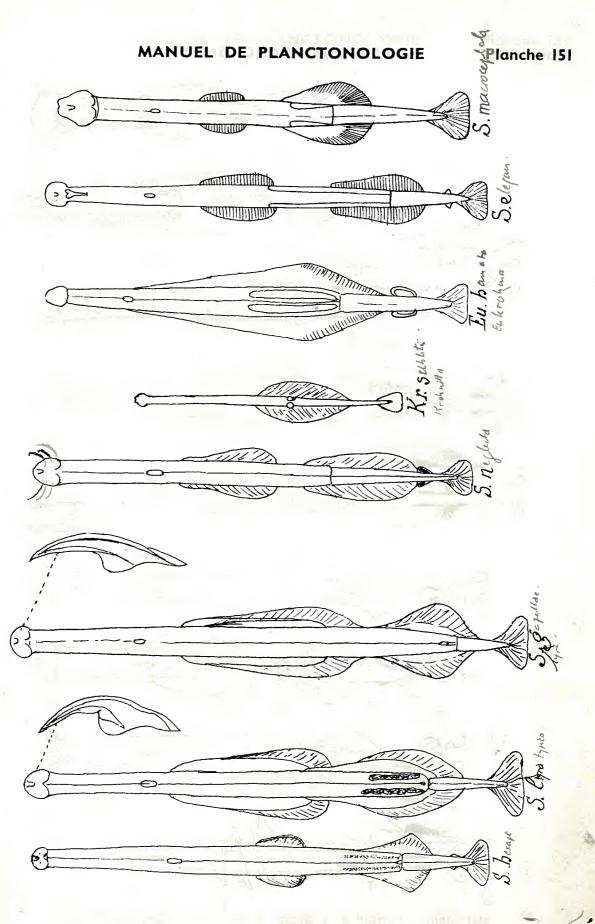




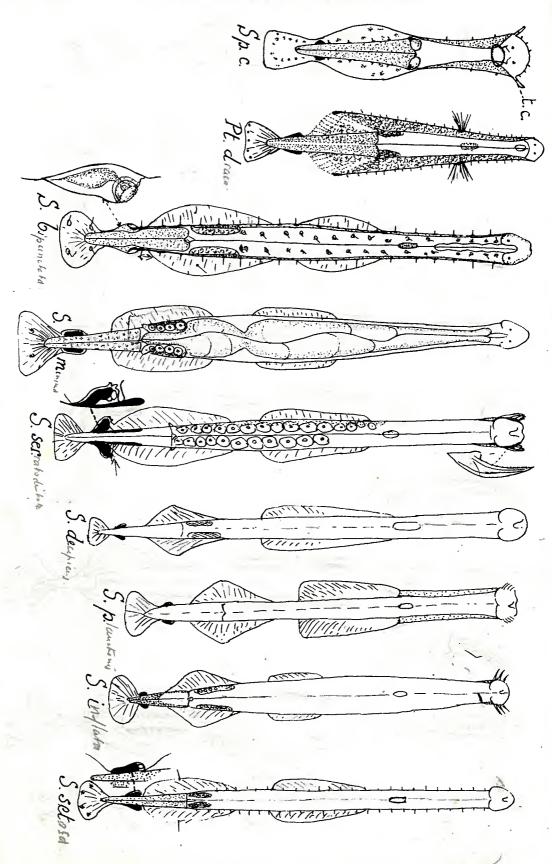


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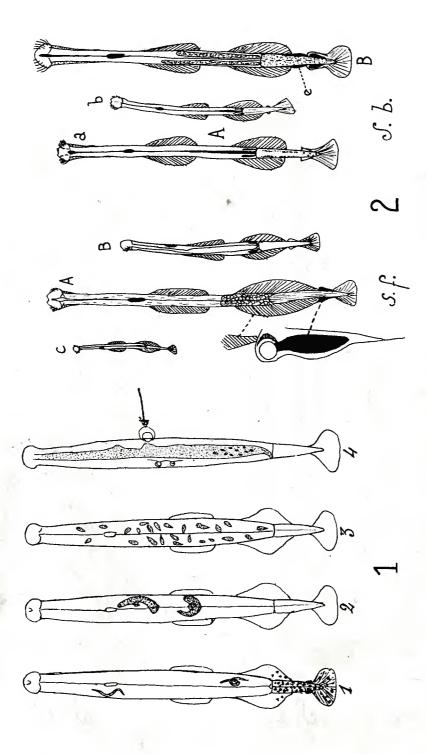


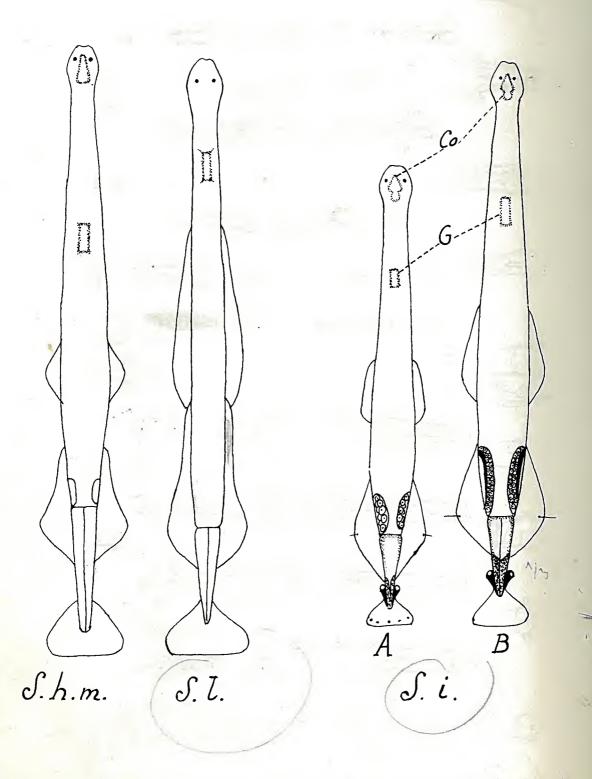


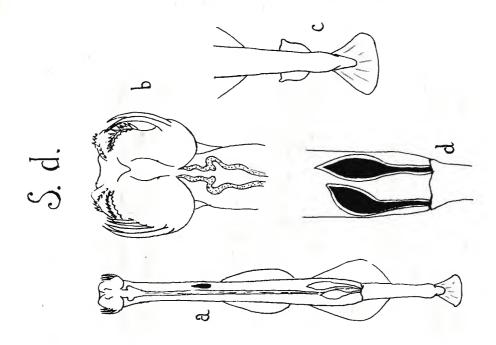
CHAPITRE XXXII. Sagitta. Krohnitta. Eukrohnia.

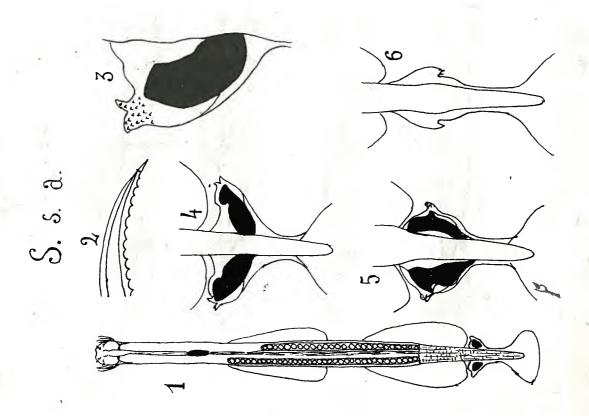


CHAPITRE XXXII. Spadella. Pterosagitta. Sagitta.

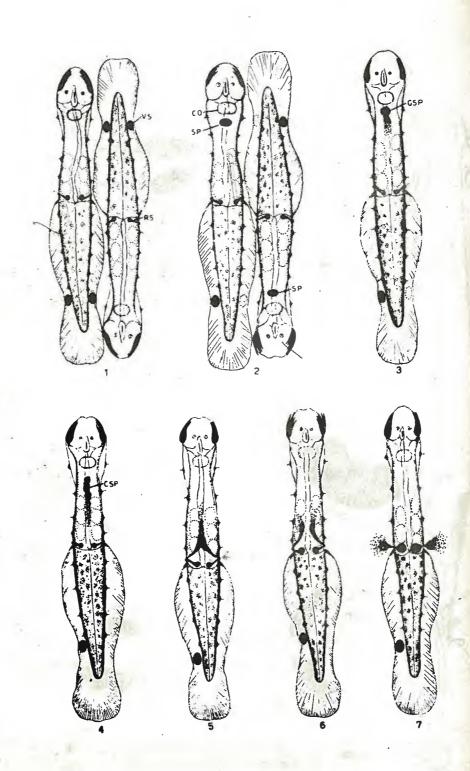




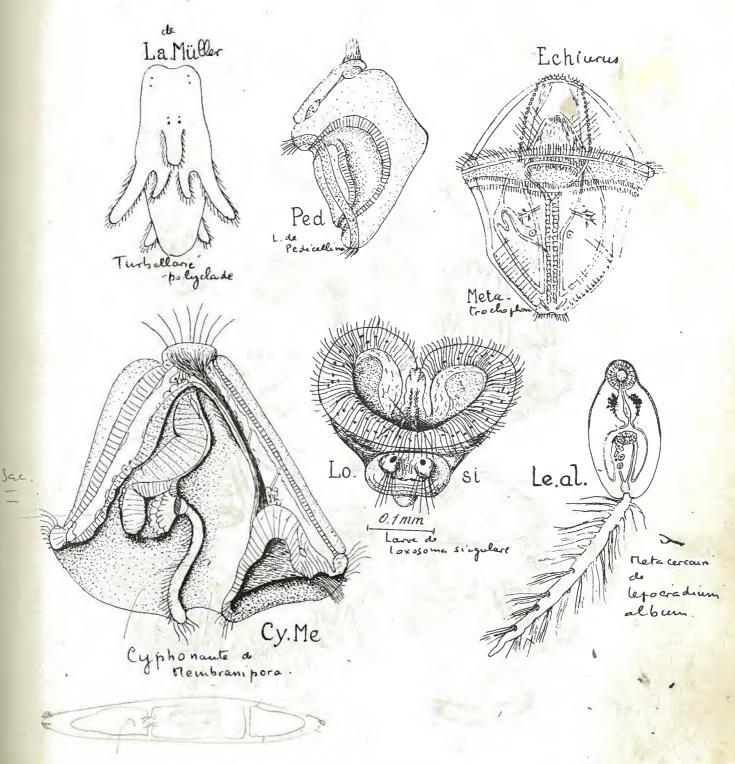




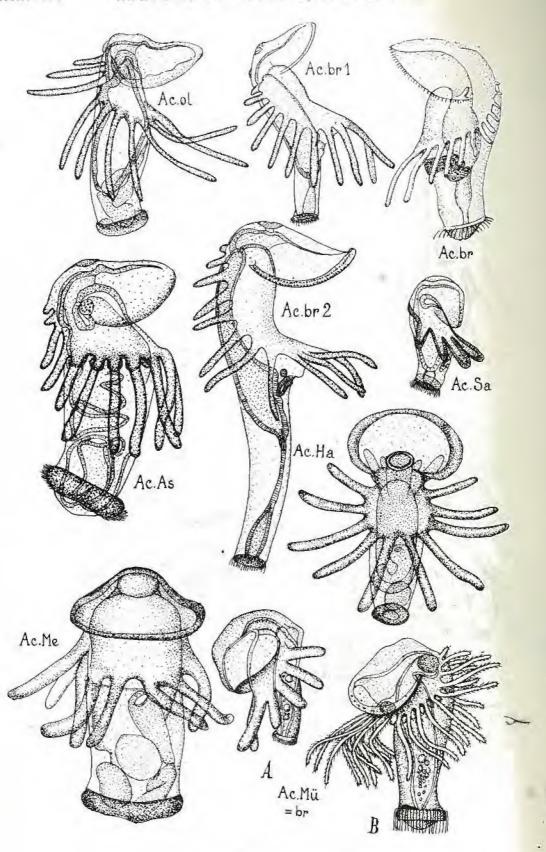
CHAPITRE XXXII. Sagitta serratodentata atlantica; S. decipiens.



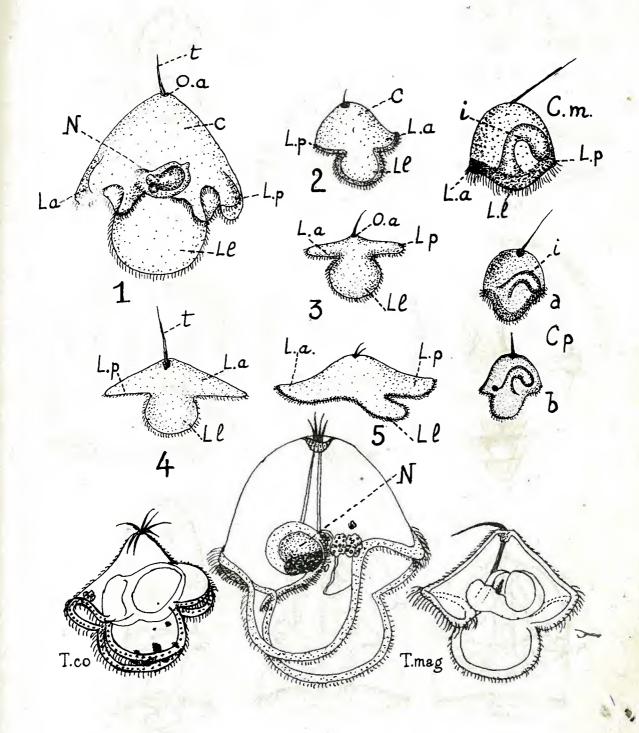
CHAPITRE XXXII. Accouplement chez Spadella cephaloptera.

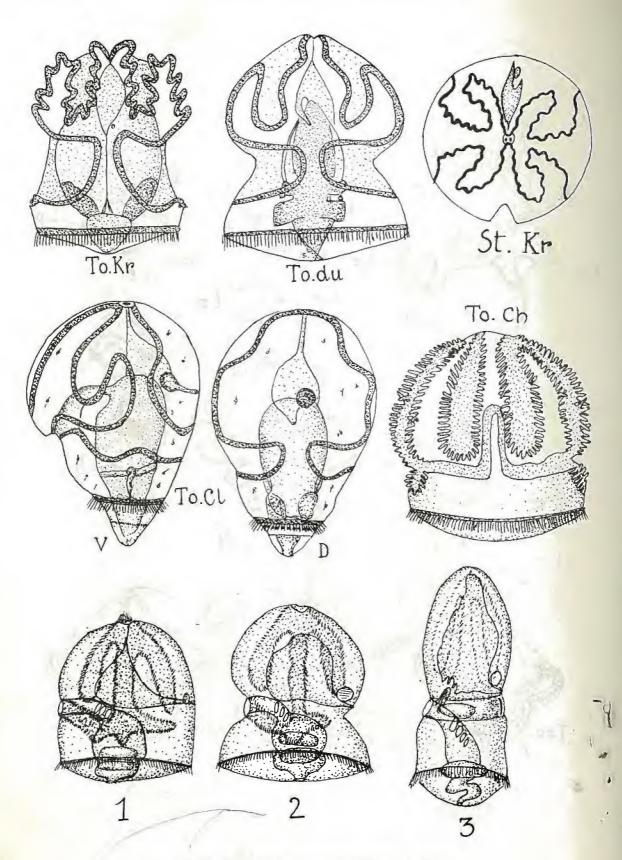


CHAPITRE XXXIII. Larves diverses de Vers et Vermidiens.

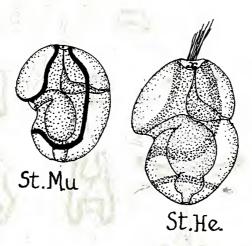


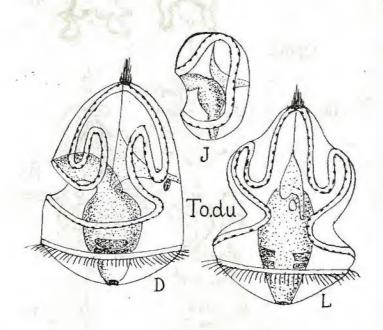
CHAPITRE XXXIII. Actinotroques.

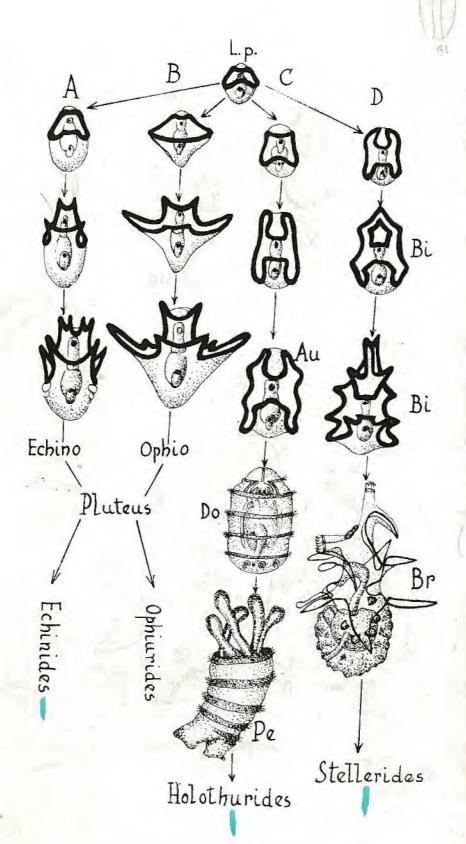




CHAPITRE XXXIII. Larves d'Enteropneustes.



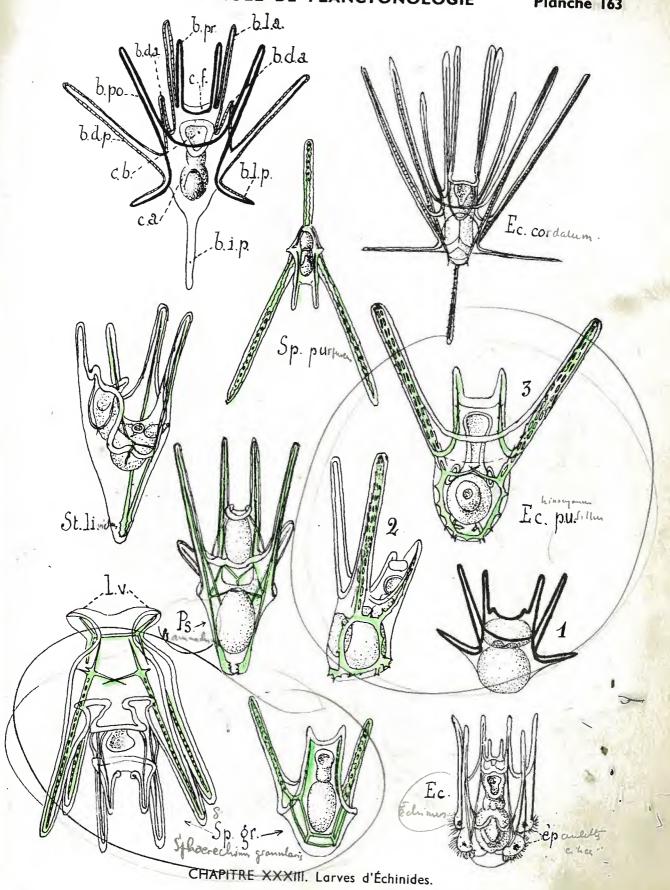


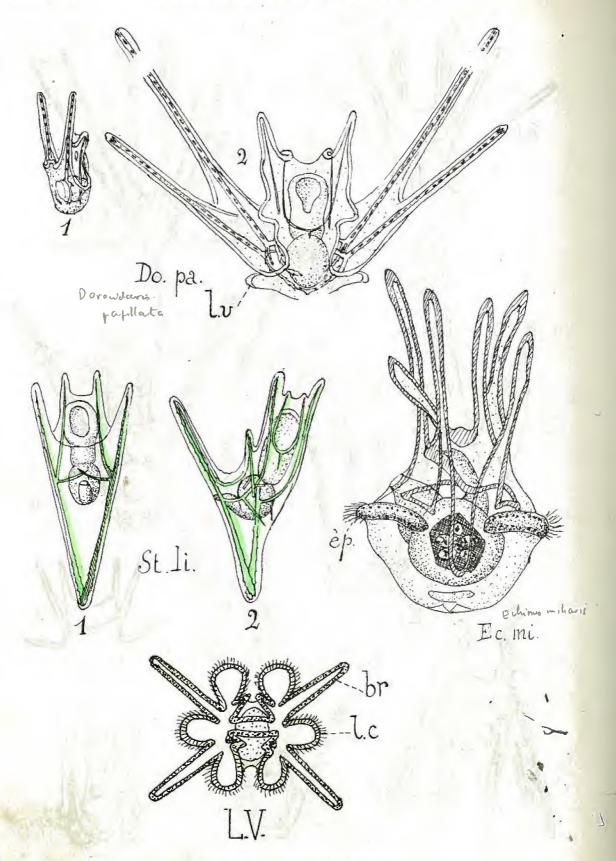


CHAPITRE XXXIII. Évolution schématique des formes larvaires d'Échinodermes.

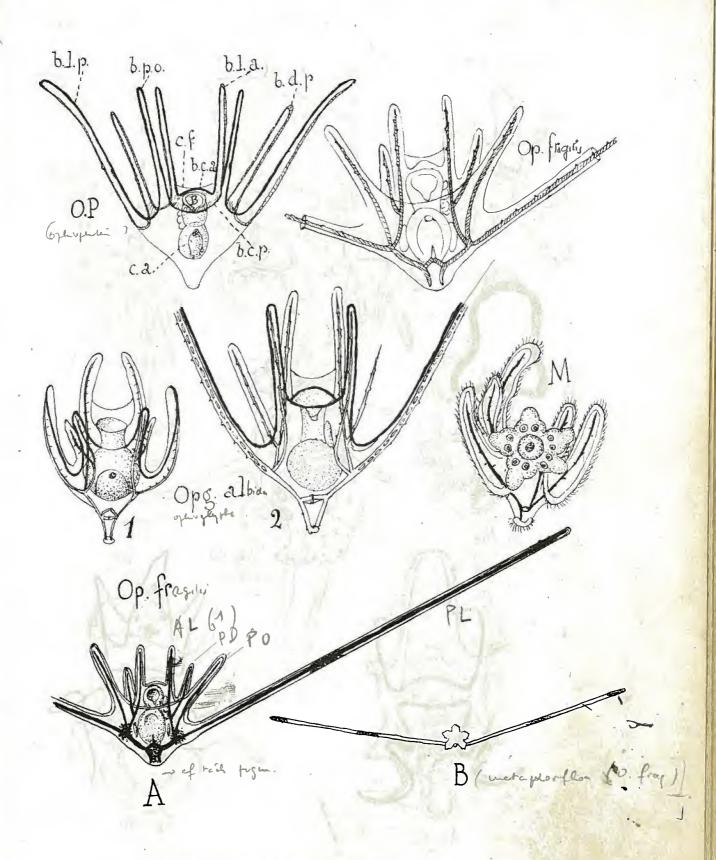
MANUEL DE PLANCTONOLOGIE

Planche 163

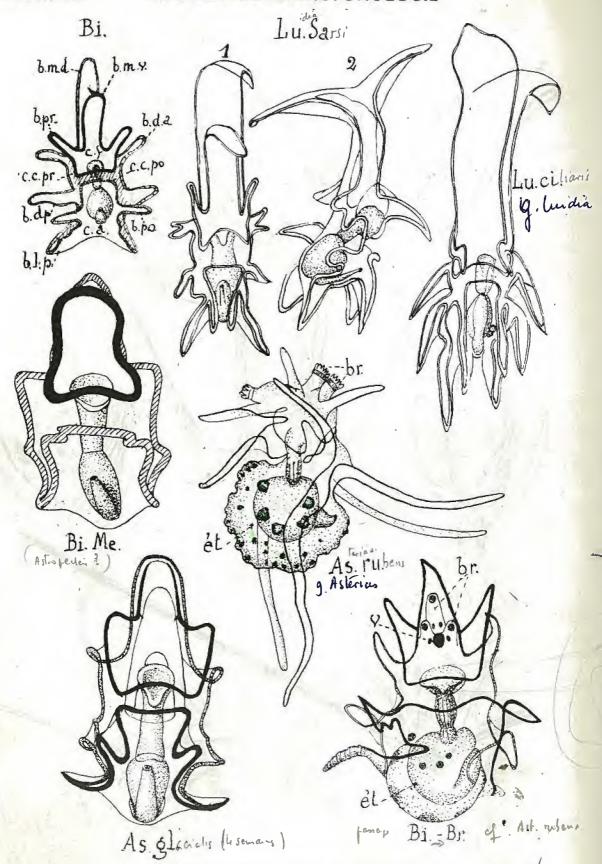




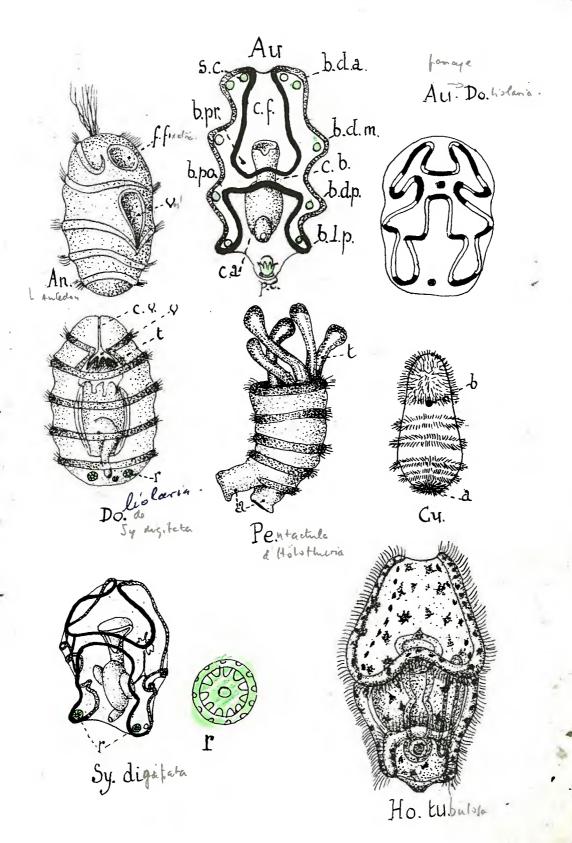
'HAPITRE XXXIII. Larves d'Échinides.

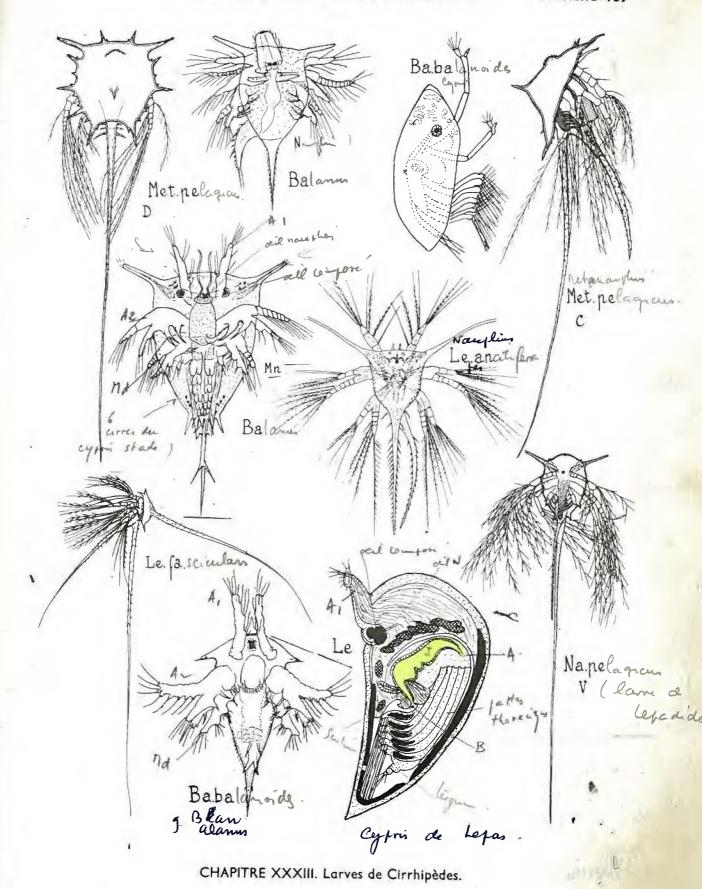


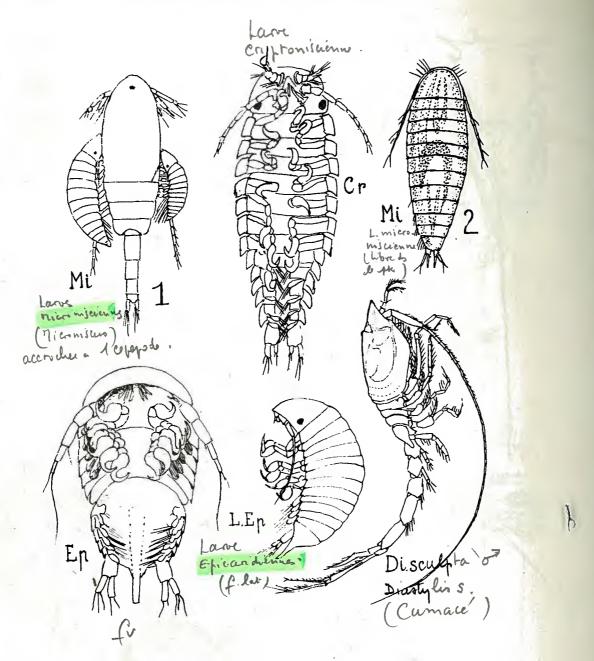
CHAPITRE XXXIII. Larves d'Ophiurides.

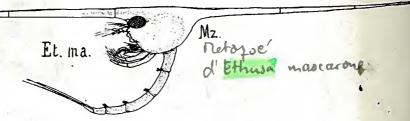


CHAPITRE XXXIII. Larves de Stéllérides.

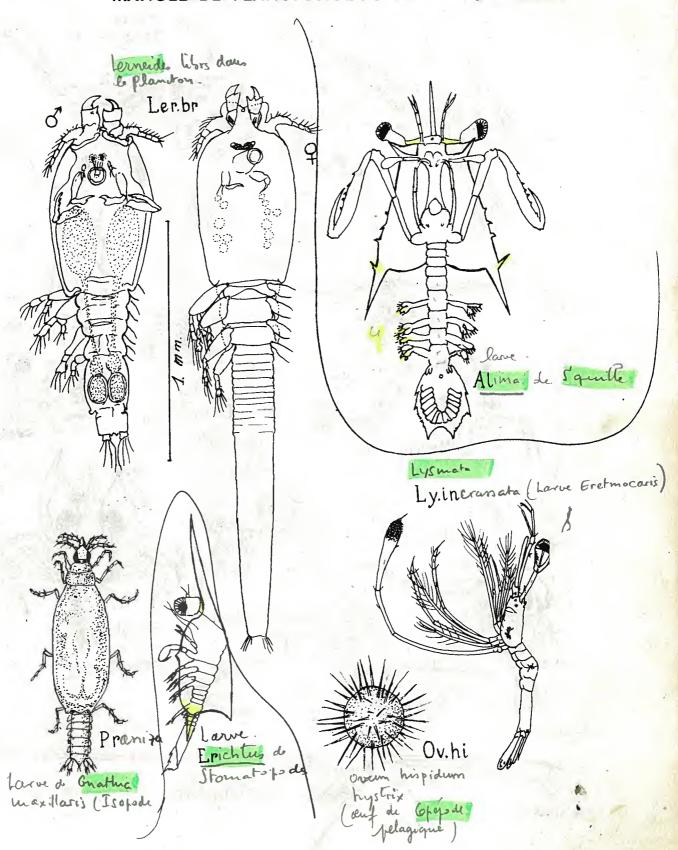








CHAPITRE XXXIII. 1, 2 : Larves d'Epicarides (Isopodes parasites); 3 : Métazoé d'Ethusa mascarone.



CHAPITRE XXXIII. Larves diverses de Crustaces.

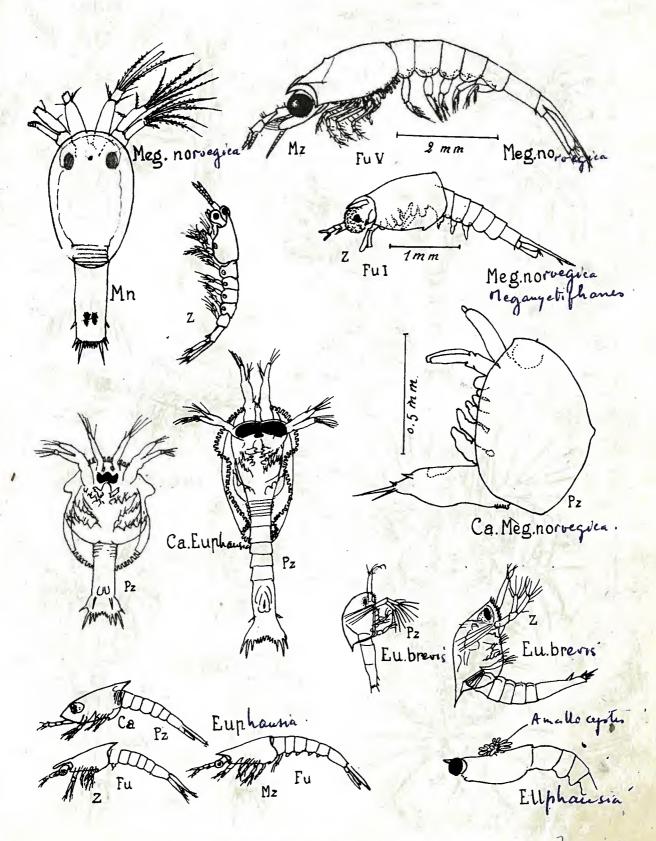
CHAPITRE XXXIII. Protozoés, Zoés et Métazoés.

Poplaty doles

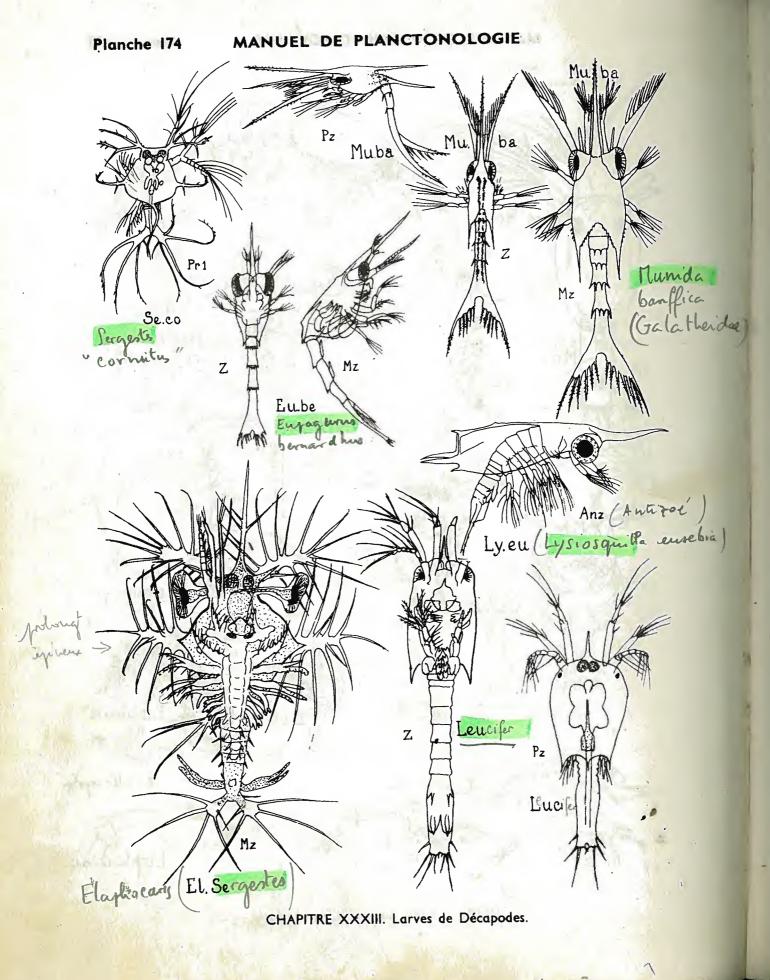
Po.lo

Porcellana longicornis

Μz

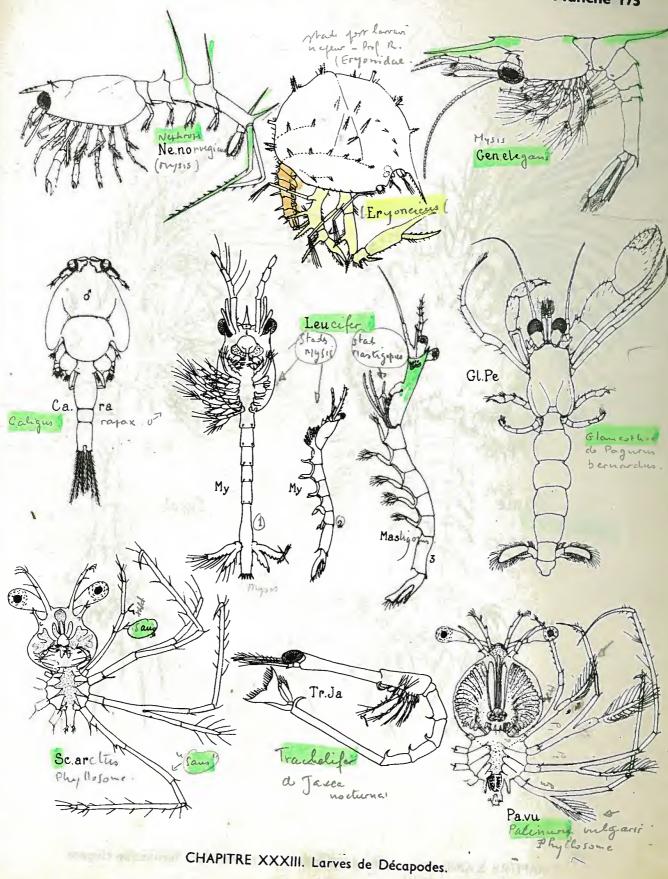


CHAPITRE XXXIII. Larves d'Euphausiacés.

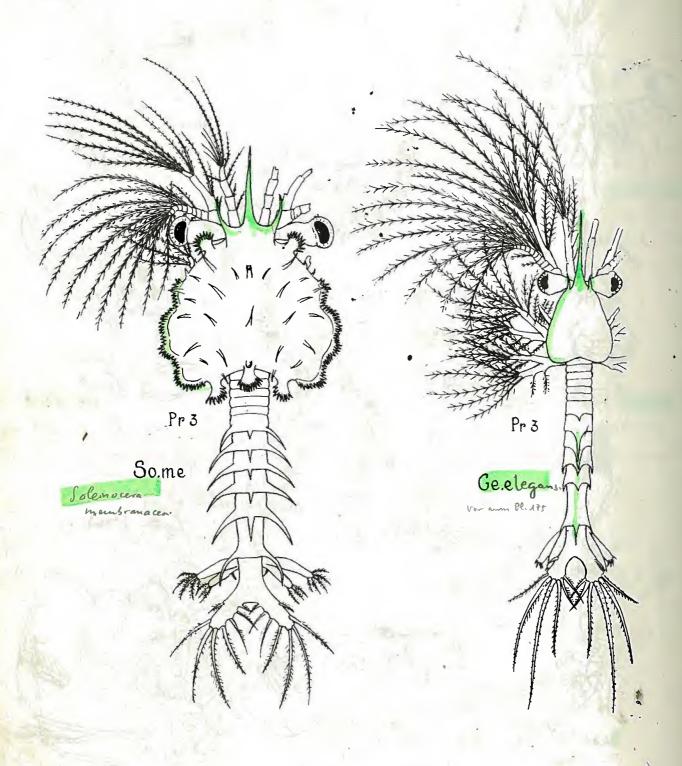


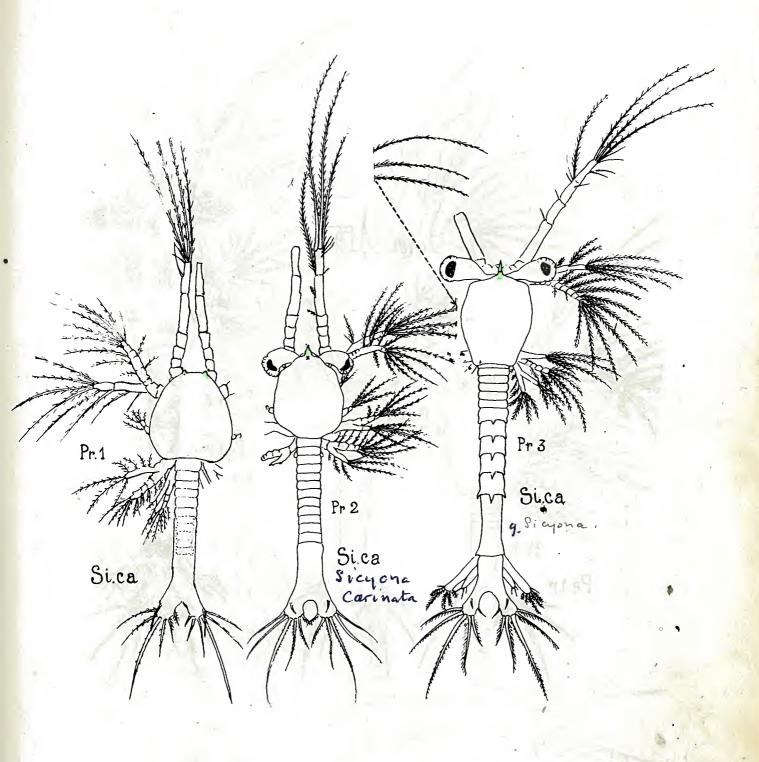
MANUEL DE PLANCTONOLOGIE

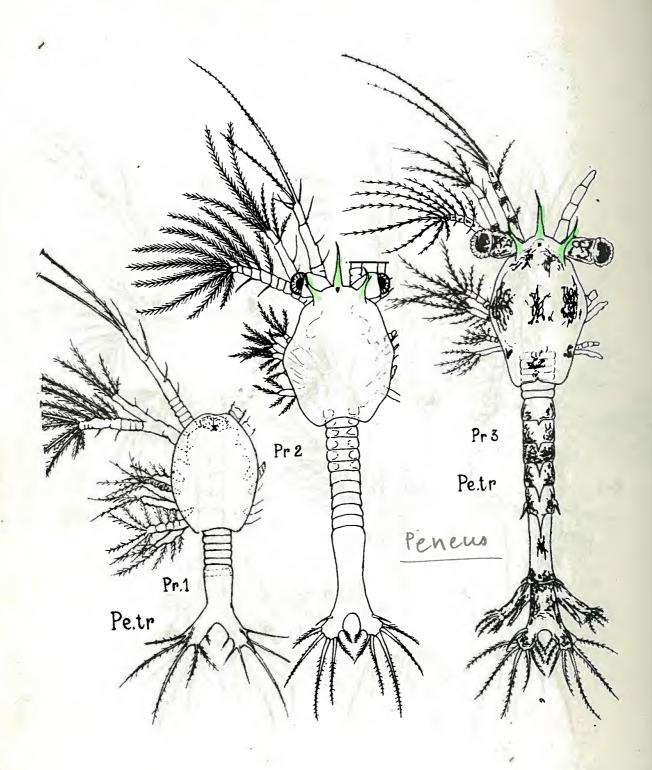
Planche 175

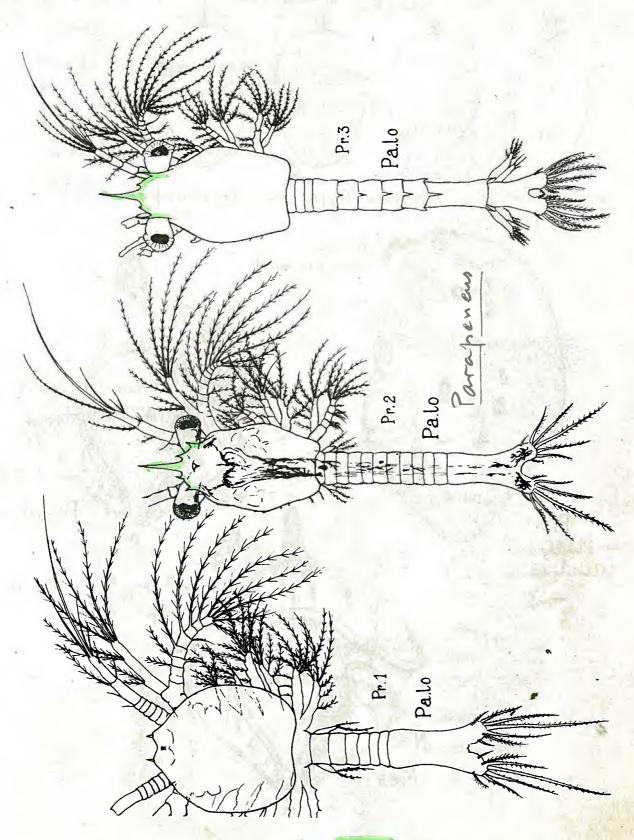


dae)

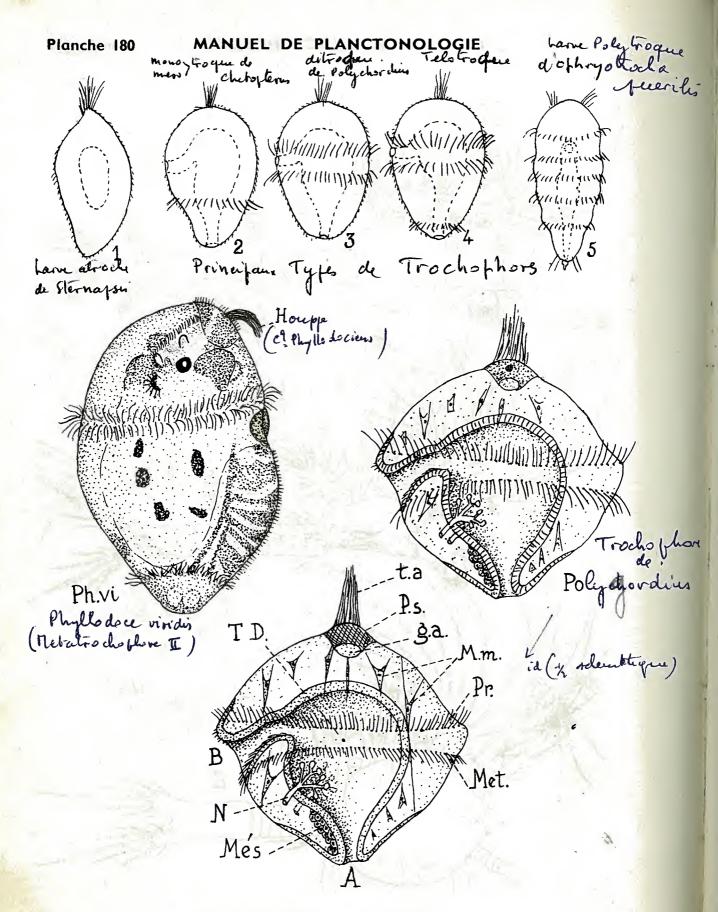




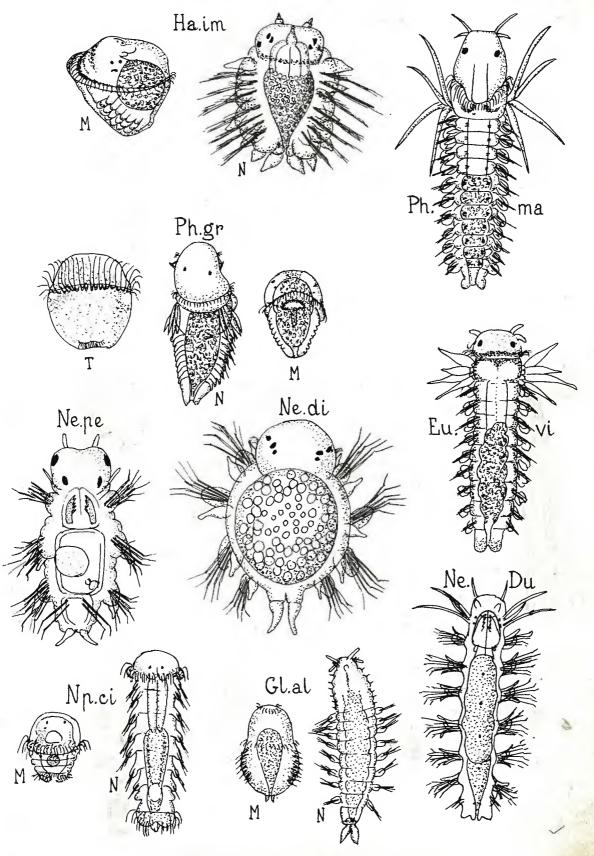




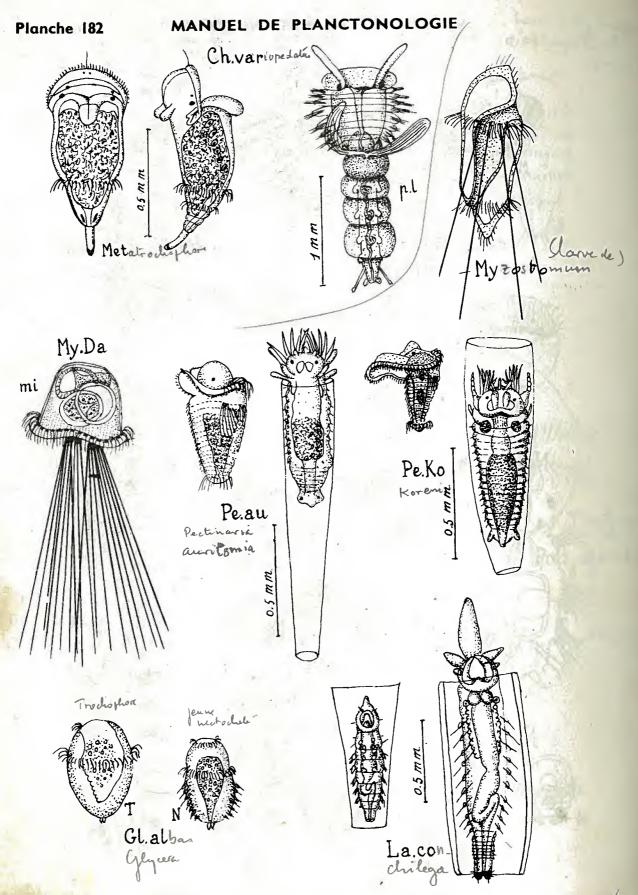
CHAPITRE XXXIII. Protozoés de Parapeneus longirostris.



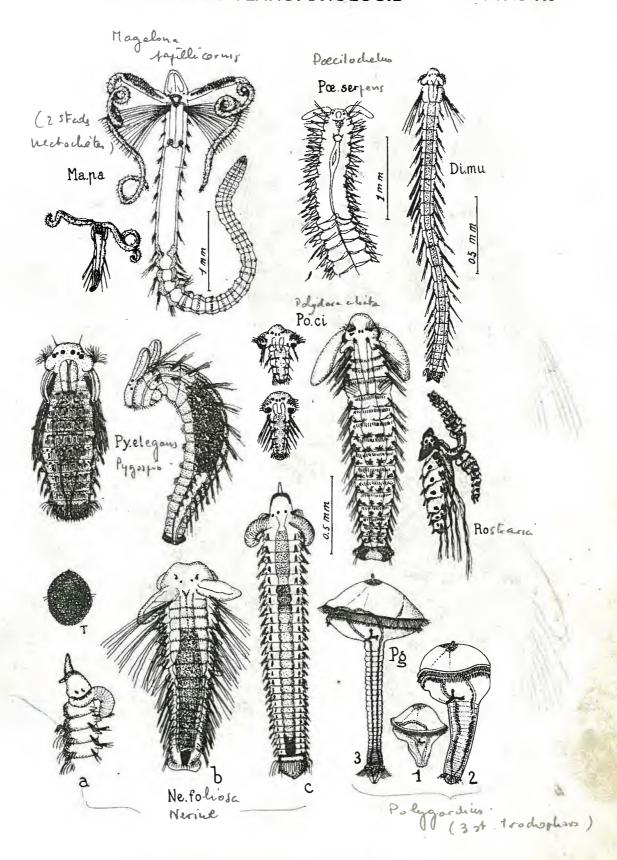
CHAPITRE XXXIII. Larves d'Annelides Polychètes.



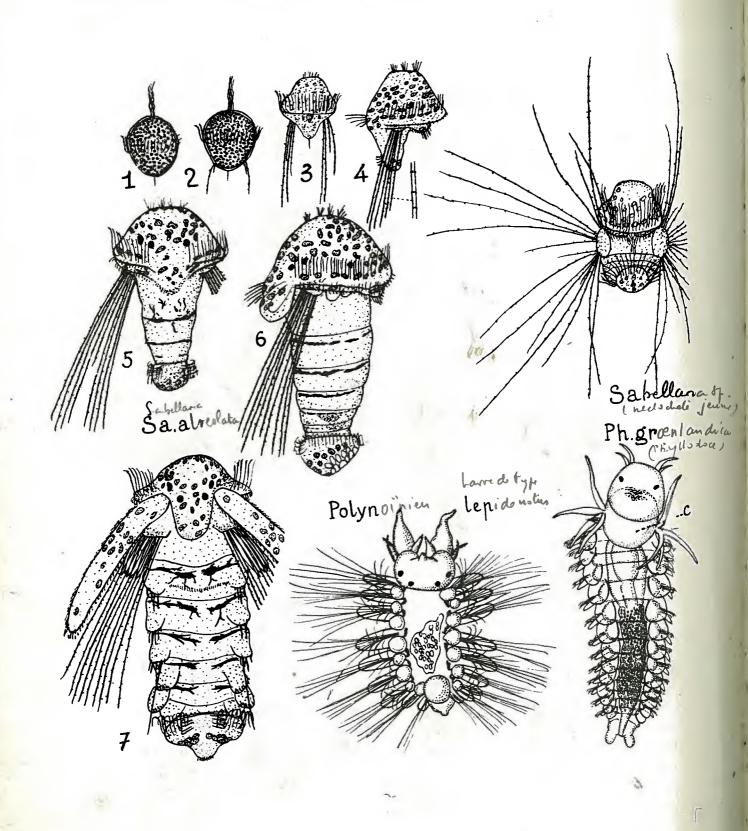
CHAPITRE XXXIII. Larves d'Annelides Polychètes.



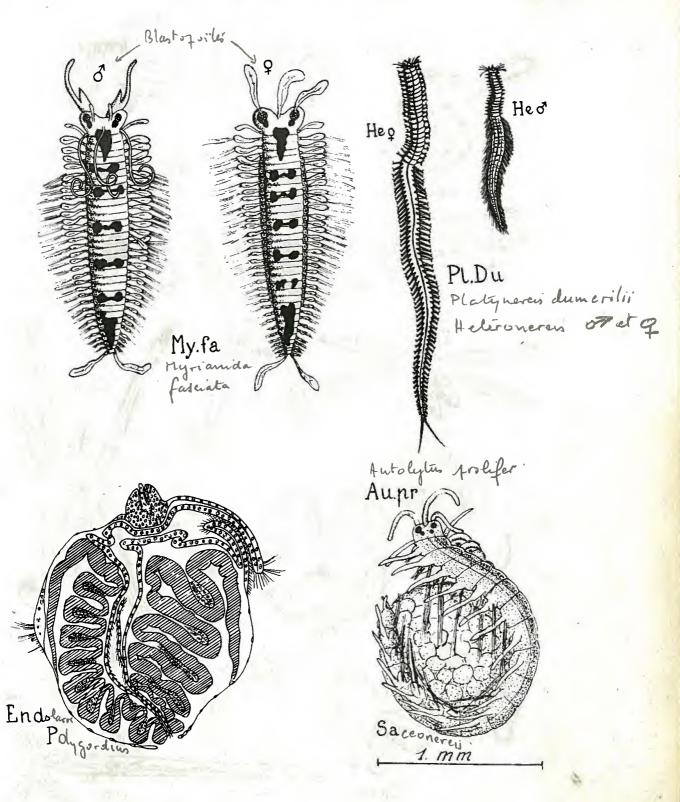
CHAPITRE XXXIII. Larves d'Annelides Polychètes.

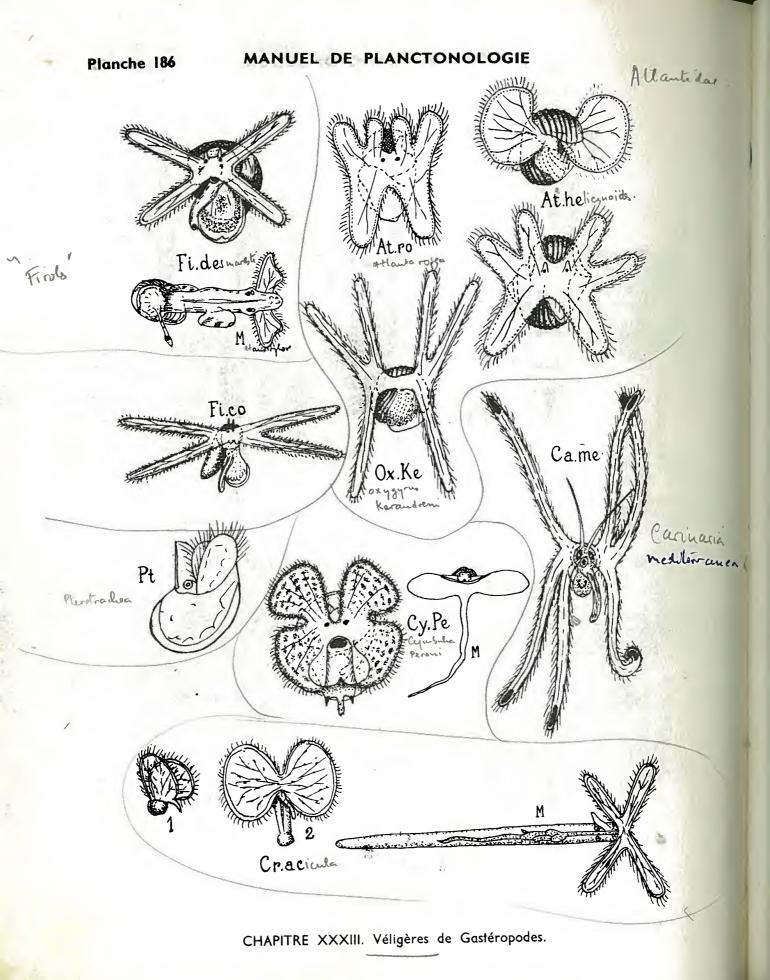


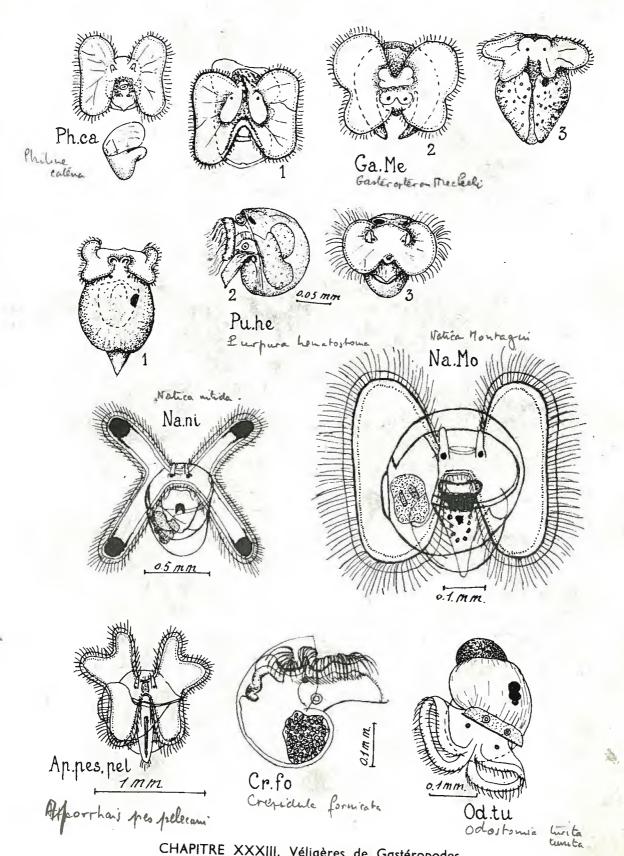
CHAPITRE XXXIII. Larves d'Annelides Polychètes.



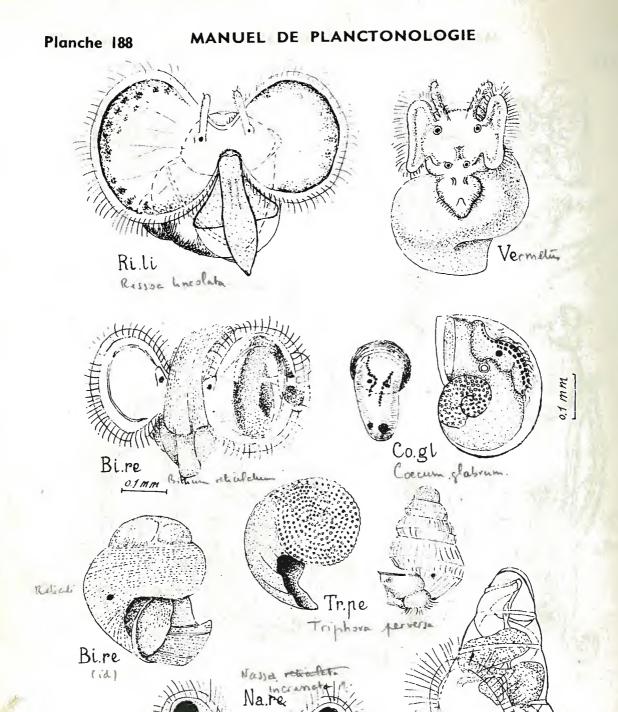
CHAPITRE XXXIII. Larves d'Annelides Polychètes.







CHAPITRE XXXIII. Véligères de Gastéropodes.

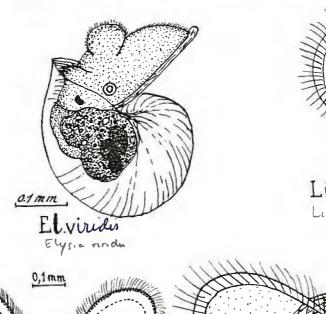


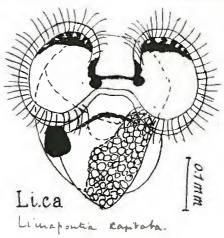
CHAPITRE XXXIII. Véligères de Gastéropodes.

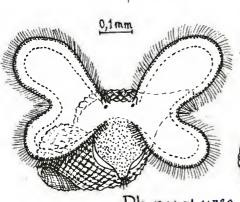
Eu.di

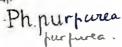
MANUEL DE PLANCTONOLOGIE

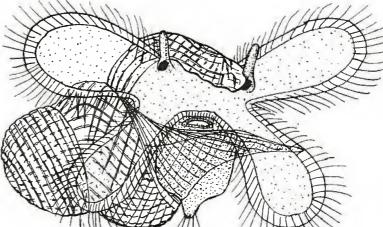
Planche 189

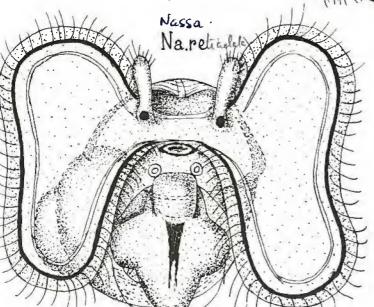


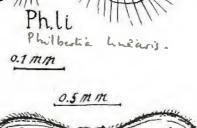


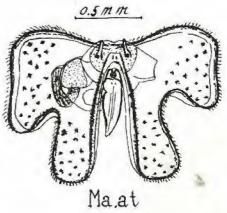




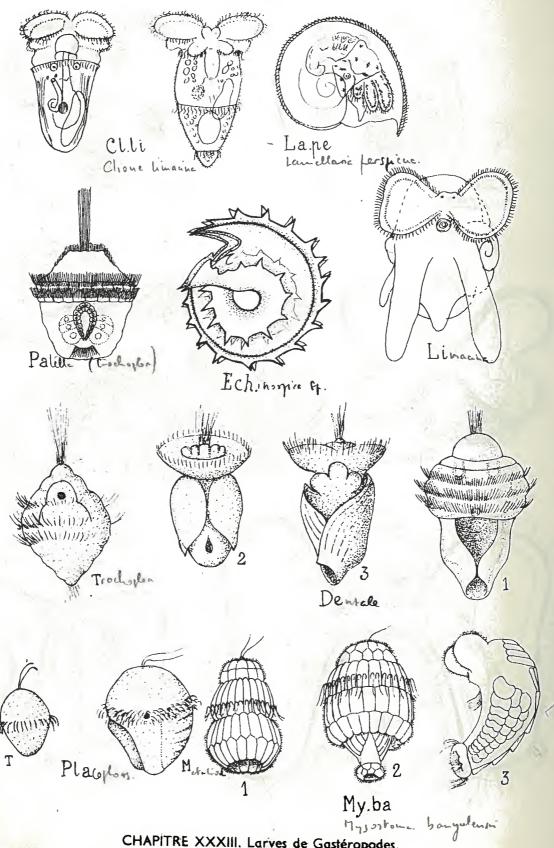




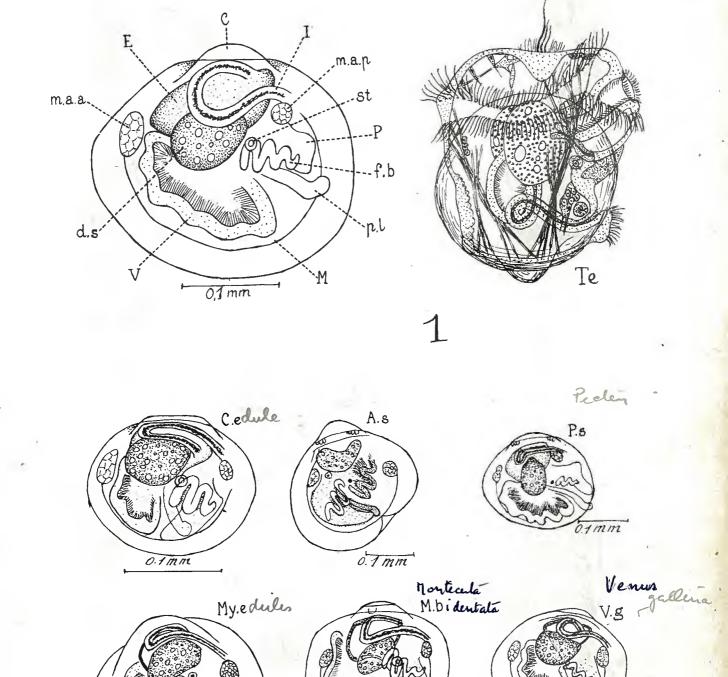




Mangelia attenuata.



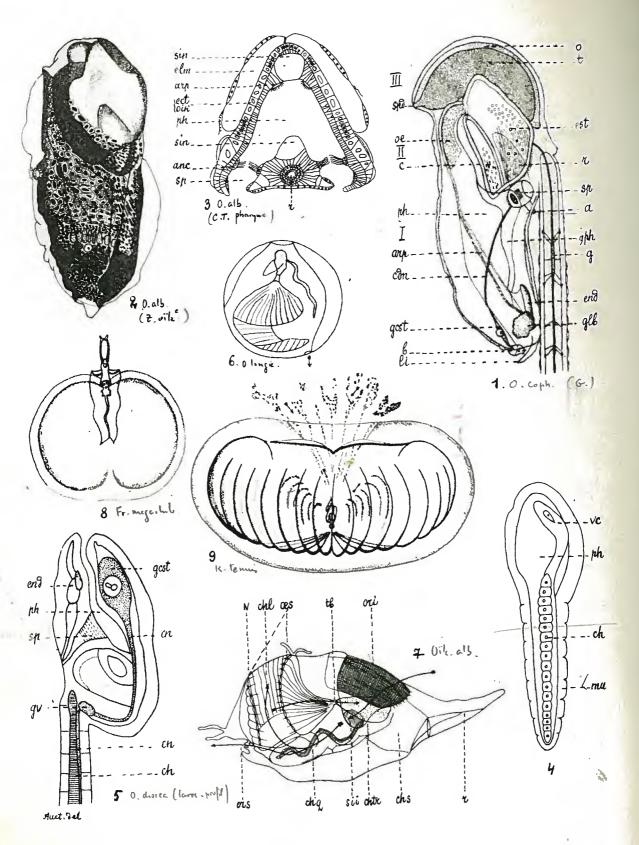
CHAPITRE XXXIII. Larves de Gastéropodes.



CHAPITRE XXXIII. Véligères de Lamellibranches; 1 : structure; 2 : quelques types.

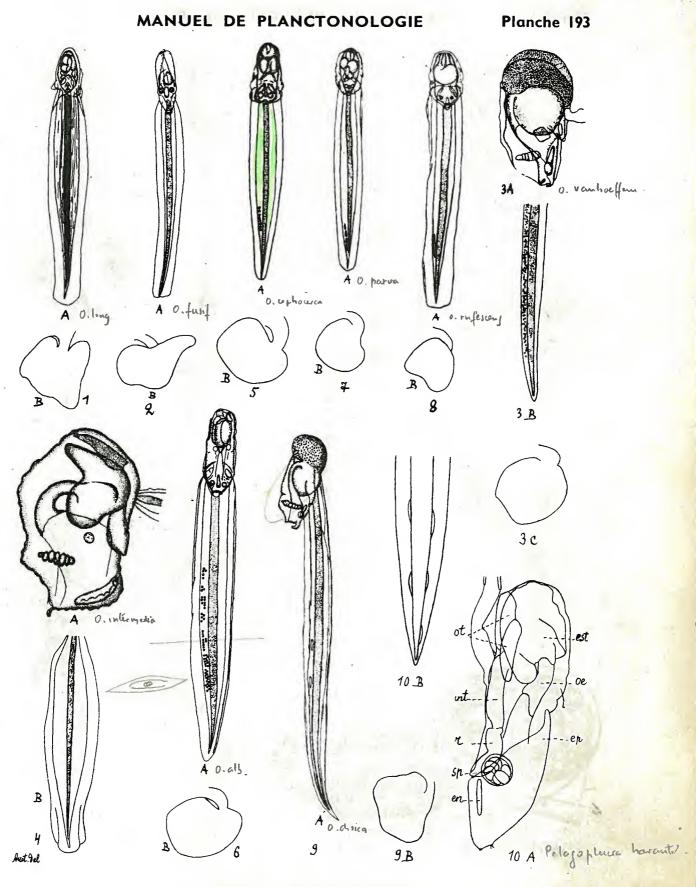
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0.1 mm

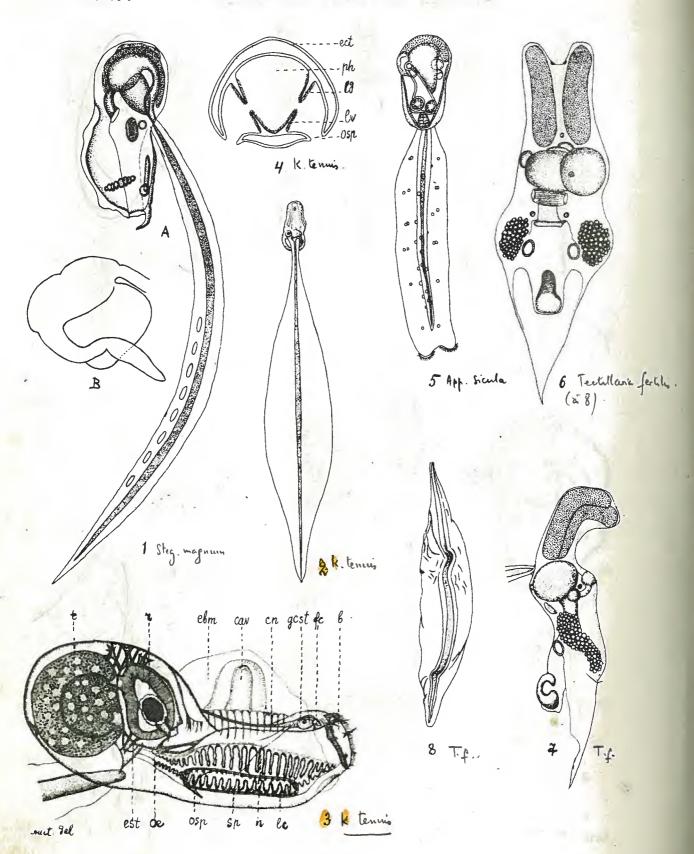


CHAPITRE XXXIV. Appendiculaires.

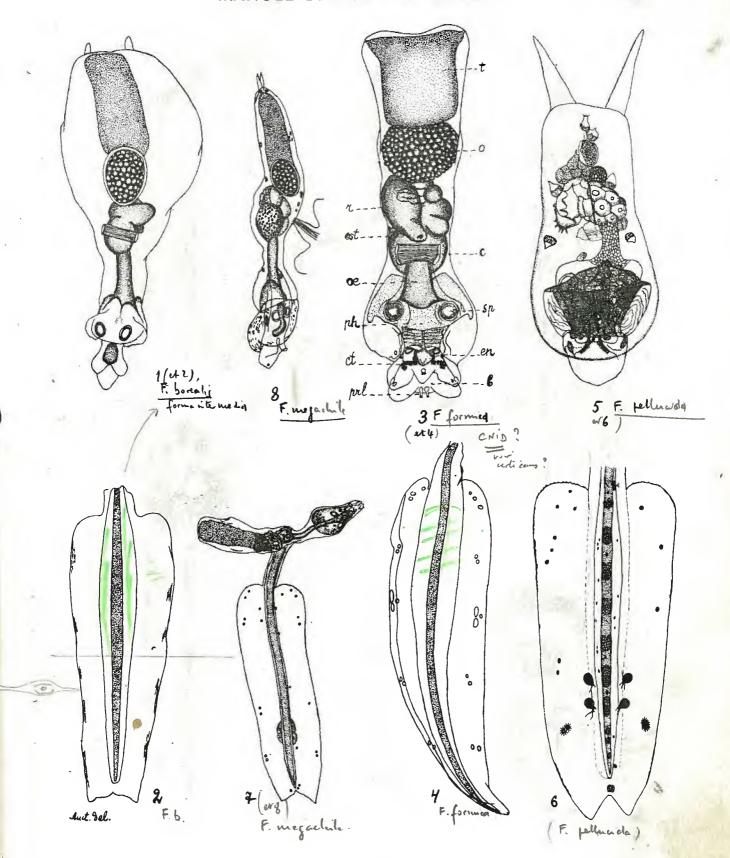
p. 535



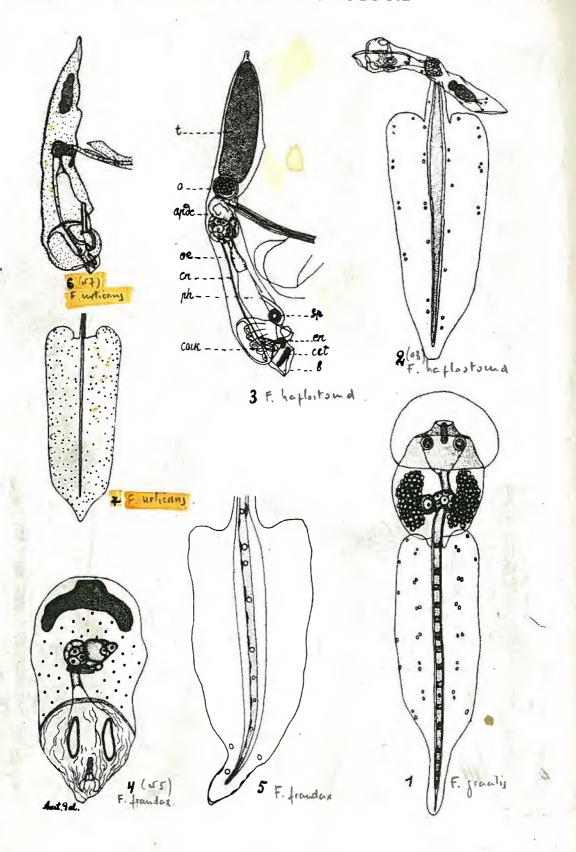
CHAPITRE XXXIV. Appendiculaires.



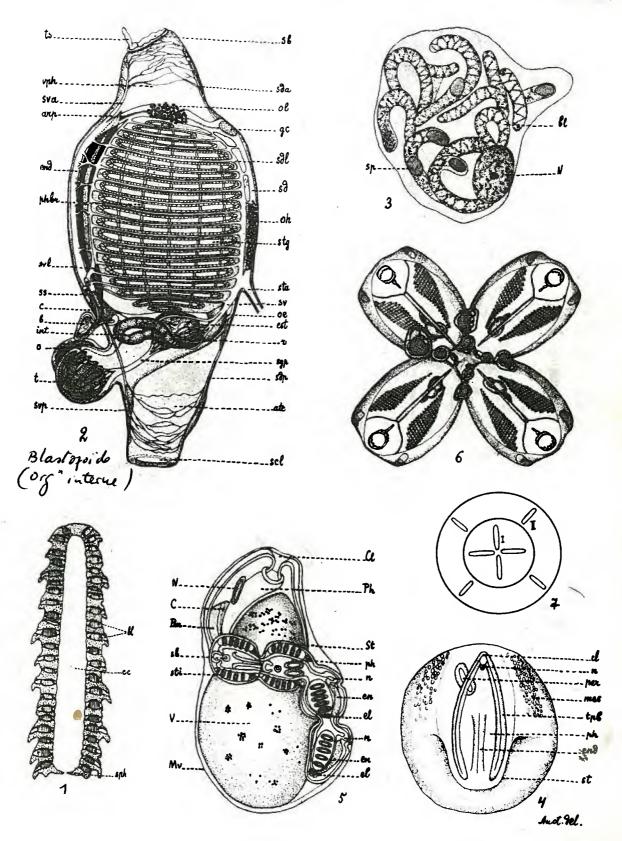
CHAPITRE XXXIV. Appendiculaires.



 $\label{eq:CHAPITRE} \textbf{CHAPITRE} \ \ \textbf{XXXIV}. \ \ \textbf{Appendiculaires}.$

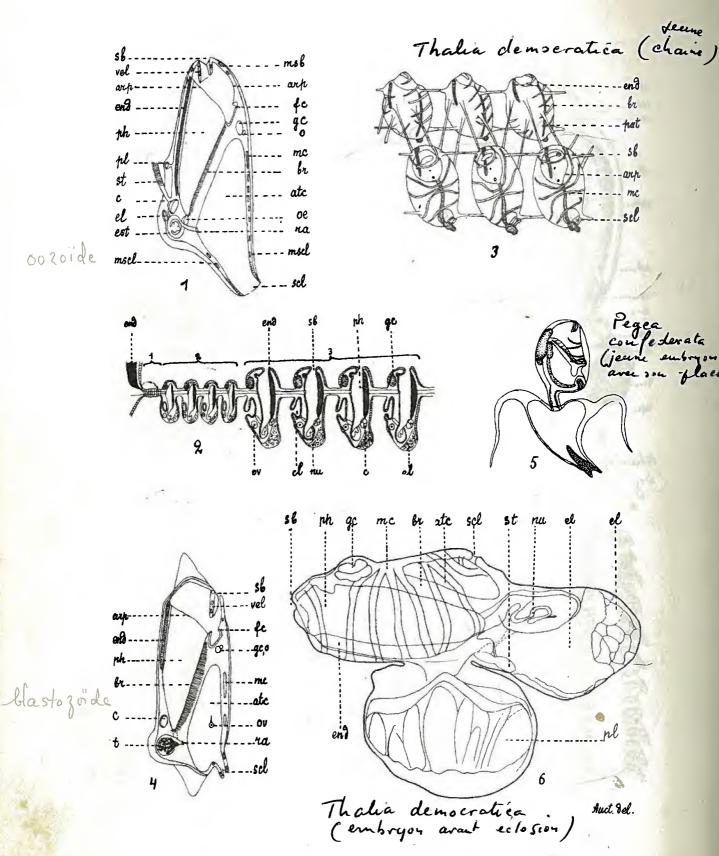


CHAPITRE XXXIV. Appendiculaires.

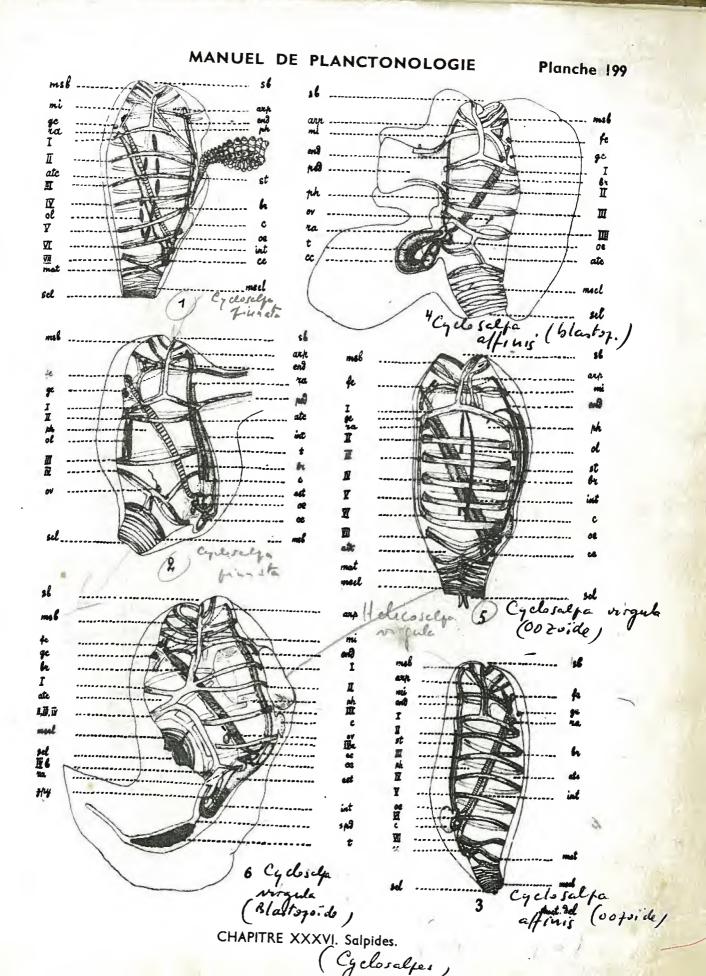


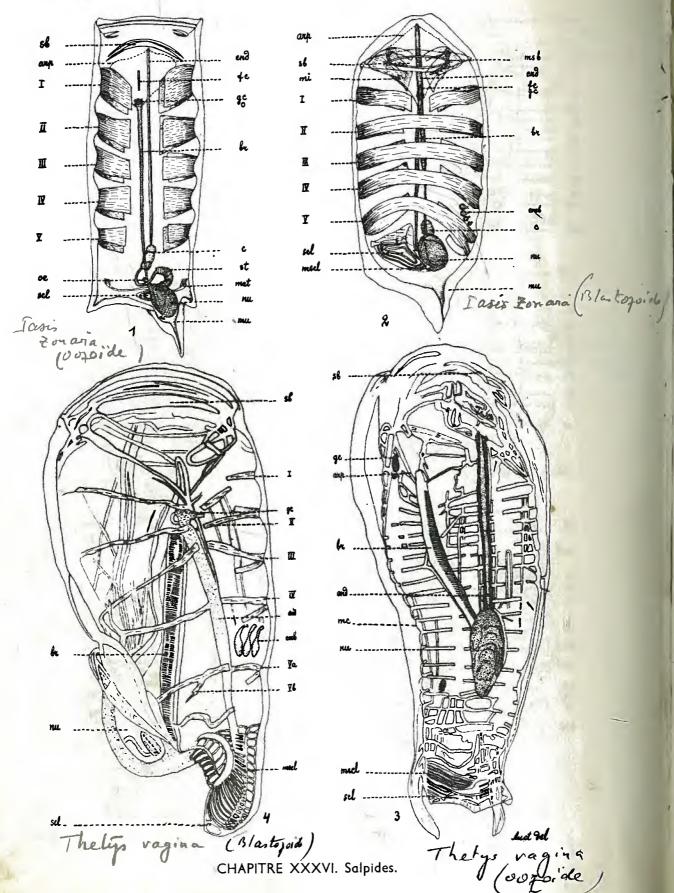
CHAPITRE XXXV. Pyrosomes.

Pyrosoma atlanticum.



CHAPITRE XXXVI. Salpides.

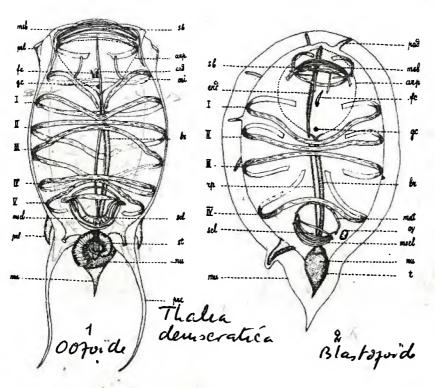


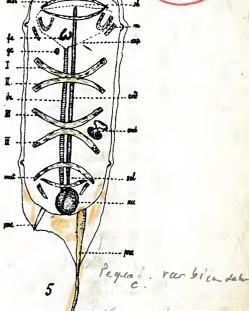


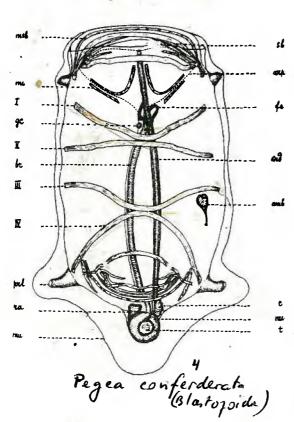
MANUEL DE PLANCTONOLOGIE

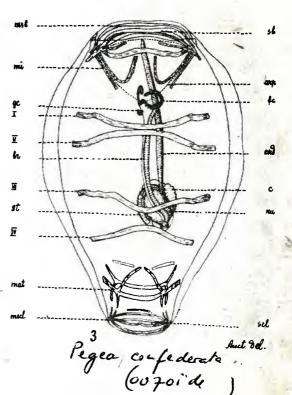
Planche 201

Station

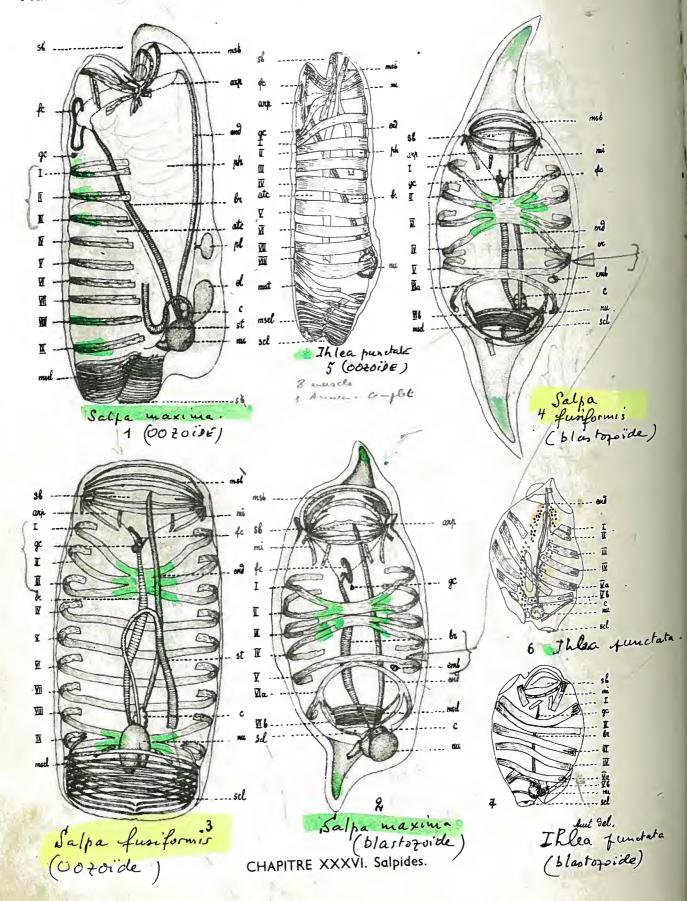


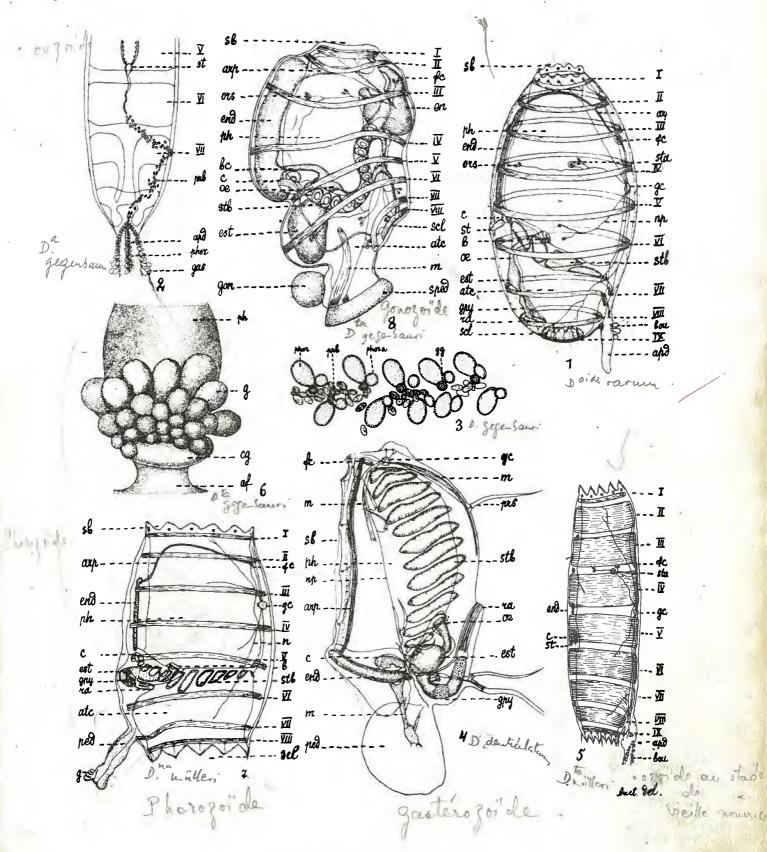




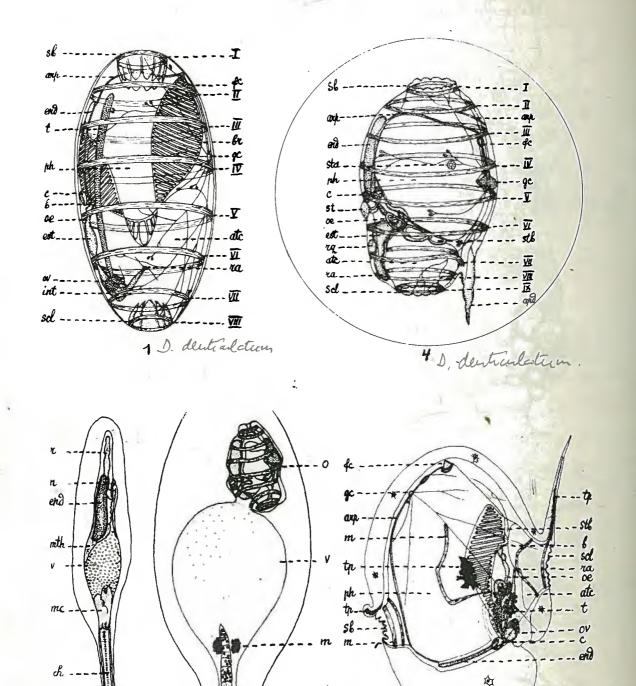


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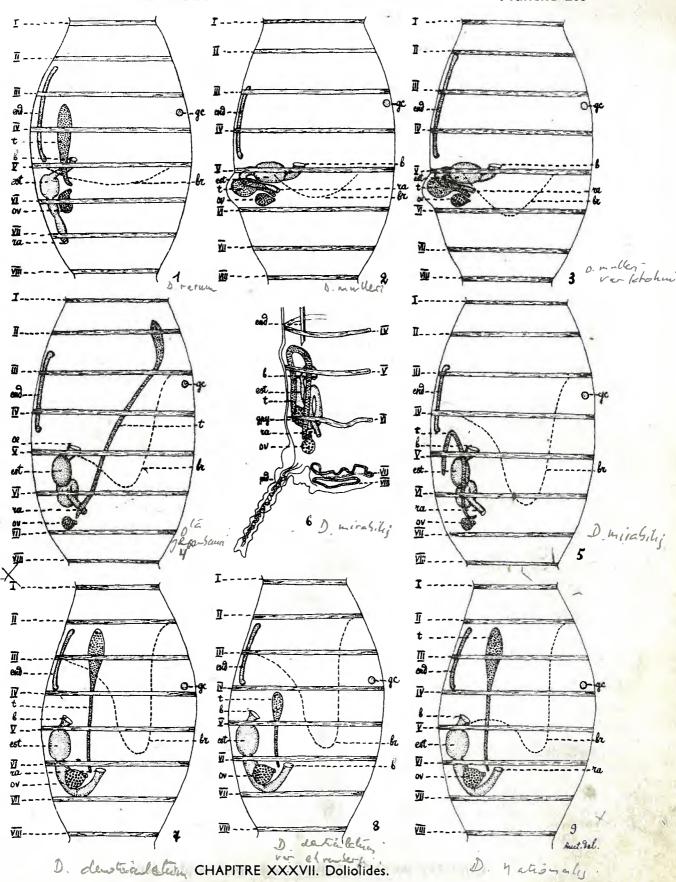


CHAPITRE XXXVII. Doliolides.

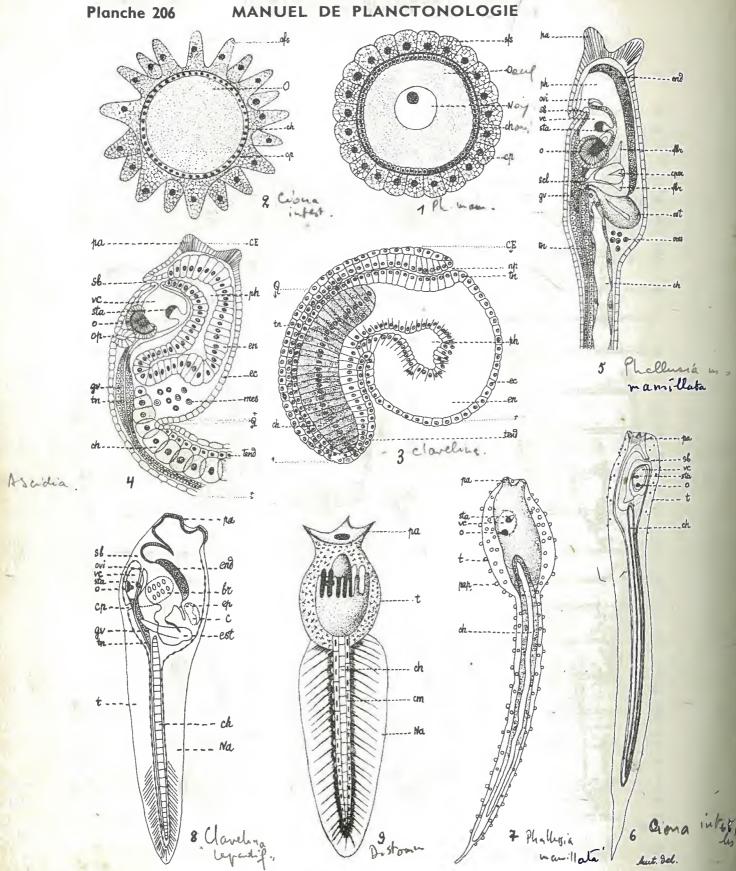


CHAPITRE XXXVII. Doliolides.

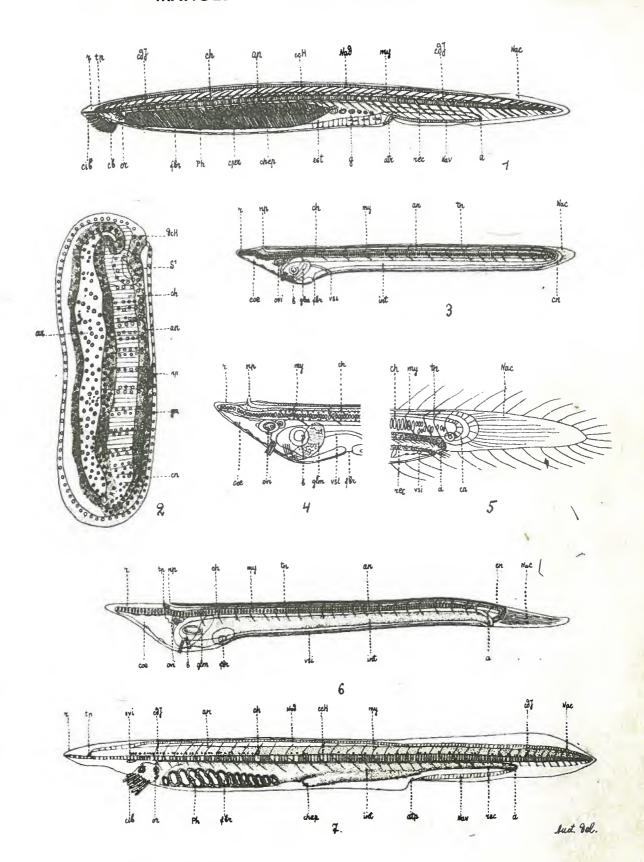
Dolopan



a follie openneus, ch. charring cp. & pervitellin & Cest



CHAPITRE XXXVIII. Ascidies. Stades larvaires planctoniques.



CHAPITRE XXXIX. Branchiostoma lanceolatum (Pallas).

TABLEAU DE DIAGNOSE DES FAMILLES ET DES GENRES

Ce tableau remis au point avec ses figures, dans les pages suivantes, remplace celui qui se trouve aux pages 442 à 446 du volume I.

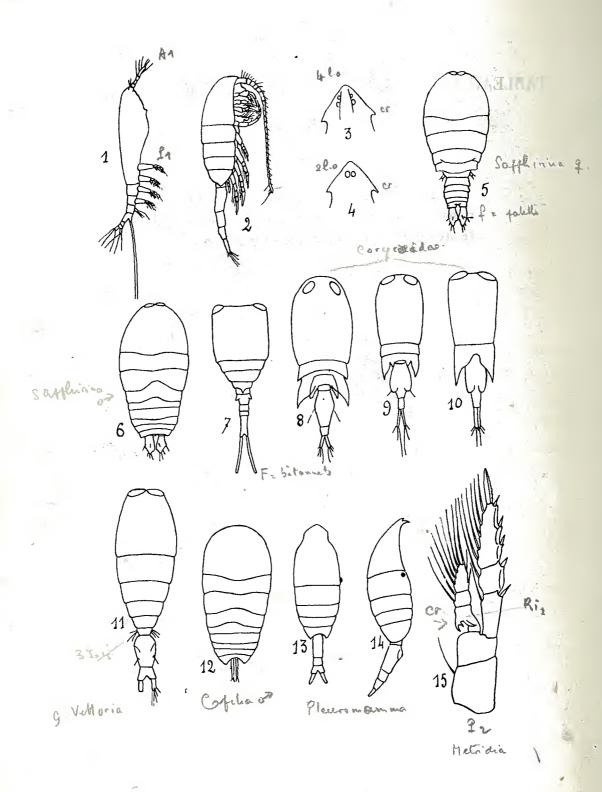
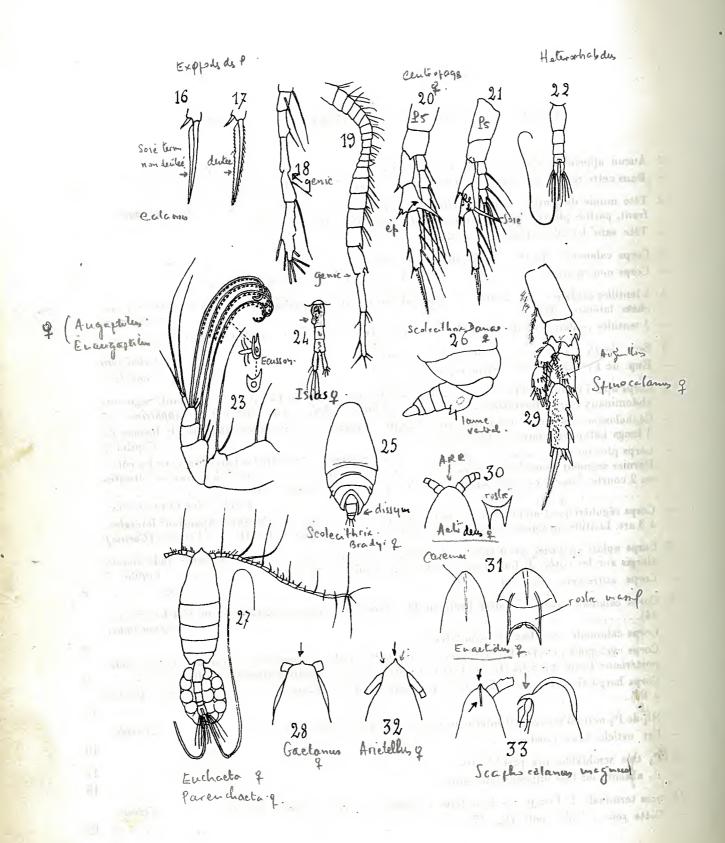
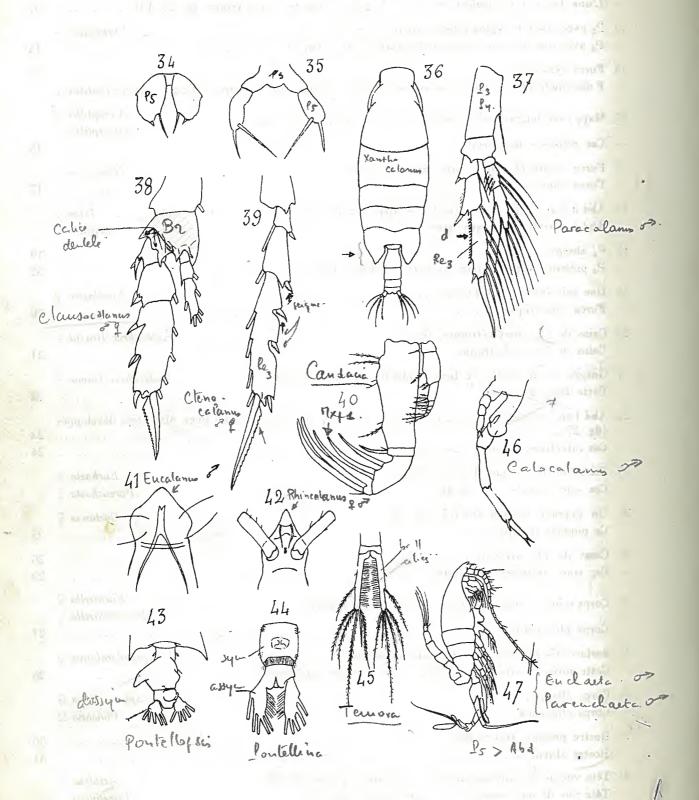


TABLEAU DE DIAGNOSE DES FAMILLES ET DES GENRES

1	Aucun appendice n'existe entre A ₁ et P ₁ (fig. 1)	. 2	
2.	Tête munie de lentilles oculaires chitineuses, formant en général saillie sur le bord antérieur du front, parfois placées un peu ventralement ou dorsalement (fig. 3 à 11)		
3. —	Corps calanoïde (fig. 13). A ₁ à plus de 10 articles	4 6	
4.	4 lentilles oculaires : 2 à droite, 2 à gauche de la tête, rondes, parfois difficiles à voir. Tête avec crochets latéraux (fig. 3)		
5. —	2 lentilles oculaires rondes, parfois peu visibles. Tête avec ou sans crochets latéraux (fig. 4) Enp. de P ₁ à 2 art. Abd asymétrique à 2-3 art		
6.	Corps aplati en forme d'écaille mince, souvent irisé ou à reflets métalliques sur le vivant. Segments abdominaux élargis latéralement. F formée de 2 larges palettes plates (fig. 5-6). Sapphirina Q &		
_	Céphalosome de forme quadrangulaire; lentilles oculaires frontales très seillantes. F formée de 2 longs bâtonnets souvent divergents (fig. 7)		
	Dernier segment thoracique toujours terminé en pointe. Abd à 1 ou 2 art. F à 2 branches étroites ou 2 courtes lames épaisses. Lentilles oculaires peu ou pas saillantes (fig. 8-9-10)		
-	Corps régulièrement aminci vers l'arrière, sans pointes thoraciques. Abd sans expansions latérales; à 3 art. Lentilles oculaires grandes et contiguës. P ₅ réduite à 3 soies (fig. 11) Vettoria (Corina)		
7.	Corps aplati en forme de feuille ou d'écaille, souvent irisé sur le vivant. Segments abdominaux élargis sur les côtés. F formée de 2 bâtonnets parallèles (fig. 12)		
8.	Corps autrement construit Corps calanoïde avec un bouton brun sur Th ₁ , dans l'angle antéro-latéral droit ou gauche (fig. 13-14) Pleuromamma	8	
	Corps calanoïde, sans bouton brun latéral	9	
_	postérieure beaucoup plus étroite dont le 1er art. porte la 5e patte rudimentaire (fig. 58 à 62) Corps harpacticoïde, c'est-à-dire essilé progressivement vers l'arrière sans 2 régions nettes (fig. 63	70	
9.	à 66)	76	
 10.	Cet article sans crochet	1 0	
	P ₅ absente ou très différente des autres	18	
	Soie terminale de l'exop. des P, aplatie en dehors, à bord non denté (fig. 16)	1,2	

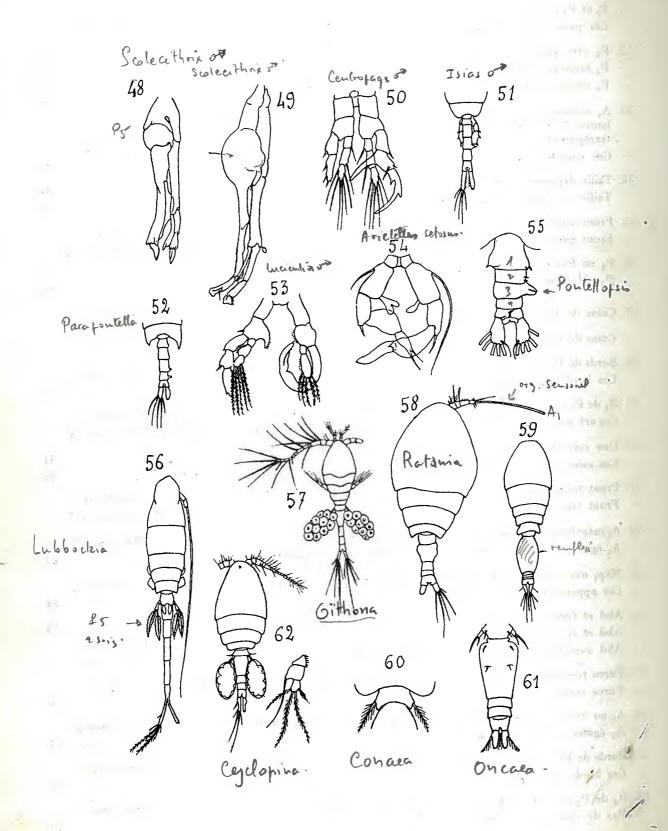


	Aucune des A ₁ n'est transformée en appareil préhensile géniculé	
	P ₅ avec une forte épine interne sur Re ₂ (fig. 20)	-
14. —	Furca symétrique F dissymétrique et l'une de ses soies beaucoup plus longue que les autres (fig. 22) Heterorhabdus	
15.	Mxp ₁ avec longues soies garnies d'écussons spéciaux (fig. 23)	2
_	Ces écussons manquent	. 16
	Furca courte et plate. Corps très transparent	
17. —	Abd à 3 art. Gnsgm avec une bosse latéro-dorsale (fig. 24)	
	P ₅ absente	
	Une soie furcale très longue	
20.	Coins de Th ₅ dissymétriques (fig. 25)	Չ . 21
	Gnsgm vu de côté avec lame saillante ventrale (fig. 26)	⊋ . 22
22. —	Abd long et étroit. F avec 2 très longues soies. A ₁ avec grandes soies nues. Mxp ₁ très développé (fig. 27)	. 23
23. —	Soies furcales les plus longues, droites	
24. —	Un piquant médian frontal (fig. 28)	
	Coins de Th ₅ arrondis	. <mark>26</mark>
26.	Corps robuste, grand, au moins 3 mm. Abd très court	
_	Corps plus petit	
27. —	Surface des pattes thoraciques sans aiguillons	1
	Corps allongé	စ္
29.	Rostre présent, très visible	. 30
	Tête vue de dos arrondie; rostre à 2 pointes séparées (fig. 30)	ę



31. 	P ₃ et P ₄ couvertes d'aiguillons (fig. 29)	
	P ₅ très petite, difficilement visible	33 40 53
33.	A ₁ noduleuses, avec soies très inégales; Abd symétrique à 3 art.; Mxp ₂ avec longues soies spinuleuses; P ₅ en forme d'aiguille avec une soie latérale plus ou moins longue; corps petit (1 mm) et transparent	
_	Ces caractères absents	34
_	Taille dépassant 4 mm Taille ne dépassant pas 3 mm	35 × 36
	Front vu de dos pointu (fig. 32)	
	P ₅ en forme de palette (fig. 34, 35)	37 38
37.	Coins de Th ₅ arrondis	
	Coins de Th ₅ prolongés en pointes encadrant le Gnsgm (fig. 36)	4.4
38.	Bords de Re ₃ de P ₃ et P ₄ dentés (fig. 37)	39
39. 	B ₂ de P ₂ et P ₃ élargis en calice dentelé (fig. 38)	
	Une soie furcale beaucoup plus longue que les autres	41 42
41. —	Front triangulaire (fig. 41)	
42. —	A_1 inégales, très grandes, plus de 2 fois la longueur du corps	43
_	Mxp₁ avec grandes soies falciformes; Mxp₂ très petits (fig. 40)	44
44. —	Abd et furca symétriques	
_	Furca très allongée, ses branches presque parallèles, ciliées en dedans (fig. 45) Temora Q	46
	. A_1 au moins égale au corps entier. P_5 à 1 branche de chaque côté	71
	Bords de Re ₃ de P ₃ et P ₄ (fig. 37) dentés	40
48	B ₂ de P ₂ et P ₃ élargis en calice (fig. 38). A ₁ à 24 art	49

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4 9.	Épines externes de Re ₃ de P ₃ et P ₄ découpées en peigne (fig. 39). A ₁ à 21 art. P ₅ à une branche Ctenocalanus &	
	Les peignes absents. P ₅ à 2 branches	50
50. —	Coins de Th ₅ arrondis	51
51. —	Les 2 branches de P ₅ presque égales, mais de formes très différentes	52
52. —	Corps allongé. Pseudocalanus & Corps globuleux Phaenna &	
53.	Abd étroit, allongé, égal au moins au 1/3 du corps. P ₅ plus longue que lui; A ₁ pourvue de longues	
	soies nues (fig. 47)	
_	Abd beaucoup plus court, égal au 1/4 du corps. A ₁ normales	54
54. —	Taille dépassant 3 mm	55 56
55. —	Corps trapu. P ₅ égale ou plus grande que l'abd	
_	P ₅ massive, ses 2 branches principales de même taille et plus longues que l'abd (fig. 48) Scolecithrix & P ₅ plus courte que l'abdomen. A ₁ avec grands organes sensoriels rouge vif sur le vivant	
_	P ₅ forte, avec un renflement très visible (fig. 49)	
57. —	Antenne préhensile à droite	58 60
	P ₅ avec une tenaille à droite (fig. 50)	59
	Une bosse latérale sur le 3e segm. abdominal (fig. 51)	
60. —	Abd vu de dos avec 2 pointes latérales (fig. 52)	61
	1 soie furcale beaucoup plus longue que les autres	62
62.	Des écussons sur les soies de Mxpl (fig. 23)	
	Pas d'écussons	63
63. —	P ₅ symétrique ou très peu dissymétrique	64 65
64. —	Corps très transparent. P ₅ symétrique	0
65.	Des lentilles oculaires dorsales visibles (fig. 3, 4)	66
	Pag de lantilles couleires develes visibles	68

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	4 lentilles oculaires; des crochets latéraux (fig. 3)		67
67. —	Abd symétrique	ntella 3 bidocera 3	
	Corps allongé. Abd avec 1 pointe au 3e segm (fig. 55)	ntellina 3	69
	A ₁ préhensile peu marquée. Corps petit (1 mm) transparent. Soies de Mxp ₁ spinuleuses A ₁ préhensile très visible; corps grand et robuste. Abd et Th ₅ asymétriques. Soies de Mormes	andacia 3	
	Corps antérieur très allongé Corps antérieur court et plus ou moins globuleux		71 72
_	P ₅ rudimentaire avec 2 soies en lancette (fig. 56)	. Oitnona	
	CA à 4 art. Mxp ₂ en griffe. A ₁ avec très long organe sensoriel (fig. 58)		73
73. —	Gnsgm renflé en oignon (fig. 59)		74 75
74	P ₅ réduite à 1 soie plumeuse de chaque côté (fig. 60)	. Conaea	
75. —	Corps très globuleux, en poire. A ₁ très courte. P ₅ réduite à 2 soies	Pachos Cyclopina	
76	Corps vu de dos très étroit et très allongé, au moins 5 fois plus long que large Corps vu de dos beaucoup moins effilé		77 78
		Microsetella	
78. —	CA fusiforme, sans expansions latérales (fig. 65)	Euterpina	